

# The Greatest Transition in the History of Mankind – The Return of Paradise

## The Big Picture Revelation



Michelangelo, *The Fall and Expulsion from the Garden of Eden*, c. 1508-1512. Renaissance

### Introduction

To understand the fact that our world is facing the greatest transition in the history of mankind and that means rapid evolutionary change with a new destiny for mankind, it is necessary to recognize that this scenario has been predicted by a wide cross section of religious, esoteric, and indigenous traditions. Astronomical information relating to cosmic cycles – that occur over vast periods of time – have been retained and passed down through millennia. Today, Mayan calendars have been popularized, but there are many other calendars and information embedded into art, architecture and literature. In this regard, our forefathers used religion and mythology as a reliable way of retaining ancient knowledge. Brother Guy J. Consolmagno, a Jesuit scholar, who wrote the book, *The Heavens Proclaim: Astronomy and the Vatican* (2009), is an American researcher, astronomer and planetary scientist at the Vatican Observatory and holds the official position of curator of the Vatican Meteorite collection. He explains that in the Middle Ages, scholars first had to study astronomy as a way of understanding the Universe before they were allowed to study theology or philosophy. We can conclude from this that for over a millennium, the Catholic Church maintained a very ancient tradition of astronomers having a very strong influence on religion. Yet this helps us to understand how astronomical information relating to cosmic events could be retained and survive for thousands of years. Certain cyclical cosmic events are so important that as a matter of duty, those who lived before, encoded information in such a way that it would

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survive and be retained for future generations. Since there have been many modern books written making similar claims – especially now as we approach 2012 – it is instructive to only highlight a few authors who in the past, have decoded some of this information.

Due to unprecedeted events taking place on this planet that do not seem to have been widely understood and are therefore unexpected, it is necessary to lay a strong foundation that evolutionary change has been expected by those who are proficient in understanding cosmic cycles and have encoded their knowledge into Earth, cosmic and galactic calendars. However, how that manifests in our reality is less well understood and has become a major issue that has to be faced by humanity. In summary, we have to understand why when Keepers of Ancient Knowledge like the Maya and Q'ero Indians in Peru state clearly that there has been an overturning of space-time or claims of ‘a tear in the fabric of space-time’ and that we await ‘The Return of the Ancestors’, some people continue to build underground bunkers, because they have believed the popular but unsubstantiated beliefs that Earth would face destruction.

The reader does not have to read all the way through this article to be told the truth. According to religious and sacred texts, many enlightened teachers have been sent to warn humanity, often through allegory and parables that universal consciousness carries out periodic housekeeping on this planet. At the end of certain cosmic cycles, usually referred to as ‘The End Times’, we get a biblical sized flood of galactic cosmic energy (these days it is widely believed this energy comes from the center of our galaxy) and if humanity are not ready, i.e. the energy of human consciousness on this planet is completely incompatible with the incoming energy and thus not high enough to harness this energy, then massive evolutionary change occurs, usually resulting in devastation and the planet being ‘cleansed’. Consequently, any human survivors will undergo rapid mutation due to the sudden influx of cosmic energies. Spiritual teachings retained as biblical parables are highly instructive. The bride that awaits the return of the bridegroom and whether the virgins have their lamps prepared are all about whether individuals are ready to cope with the influx of spiritual or cosmic energies. A modern translation would be whether the human energy field is strong enough to deflect unhelpful signals in the environment and pick up the new cosmic template that would ensure that we evolve according to man’s new evolutionary destiny. The information retained about signs and wonders are related to changes in the fabric of space-time – normally referred to as a dimensional shift, but to understand the basic message, we have to look into the heavens, understand the “the signs of the times” and monitor what is happening.

Therefore The Millenium Group website can be very proud of hosting the scientific report *Planetophysical State Of The Earth And Life* (1997, 1998) by Alexey N. Dmitriev. It was the first major report providing some disclosure to the general public about massive changes taking place in our solar system that would drive evolutionary change on Earth. We are told in the opening few paragraphs:

**“Each living representative on Earth will be getting a thorough “examination,” or “quality control inspection,”** to determine its ability to comply with these new conditions. These evolutionary challenges always require effort, or endurance, be it individual organisms, species, or communities. Therefore, it is not only the climate that is becoming new, but we as human beings are experiencing a global change in the vital processes of living organisms, or life itself;” [Bold added for emphasis]

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The report also makes some rather remarkable statements indicating that human consciousness has a direct influence on events, indicating a very deep understanding of the dynamics of what is taking place.

**“There are reasons favoring, or pointing to, the fact that a growth in the ethical, or spiritual quality, of humanity would decrease the number and intensity of complex catastrophes.”**  
[Bold added for emphasis]

It is quite clear that some Russians believe that the world is facing spiritual revolution. The following press release arrived in the exact same week in September 2006, that the book *Tuning the Diamonds: Electromagnetism and Spiritual Evolution* was also published. It was headlined: *World faces spiritual revolution to begin in Russia - renowned film director*. It announced:

“Moscow, September 11, Interfax - Russia will become the center of a spiritual revolution facing the world, renowned Russian film director Pavel Lungin believes.”

“I believe a certain spiritual revolution is coming, and it will begin here in Russia. Once we outstripped everybody with a socialist revolution and we are leaving everybody behind now as well. Such is the fate of our country to be the first to go through historical stages’, he said in an interview published by the Komsomolskaya Pravda daily.”

Yet at this time, the very nature of this spiritual revolution appears to be baffling many, as there does not seem to be a clear understanding of what is taking place and why. Specifically, the issue of whether the incoming energy would cause widespread destruction, does not seem to have been widely assessed, i.e. is the level of human consciousness on this planet still too low? Since, we have many prophecies of doom from highly respected seers like Nostradamus that seem to be unfulfilled, it appears that maybe, there has been enough of a shift in human consciousness to avoid complete devastation. This is the belief of the author and other respected metaphysical sources, but this hypothesis leaves us in a curious position; what are we to expect?

Well, instead of world-wide catastrophes that leave few survivors; what about the bulk of humanity remaining to witness the greatest transition in the history of mankind? Yes, there will be some catastrophes, as we have already seen, and humanity will mutate, because cosmic energies are already pouring down on this planet as predicted, but what if the energy is used to sort out the wheat from the chaff, in a manner proposed by evolutionary biologists? They tell us that in the process of evolutionary change, ‘mutants’ arise and become dominant. The spiritual and metaphysical belief is that those who are ready will transform and this seems to be upheld by the modern day ‘signs and wonders’ that we call crop circles. The biggest ever crop circle to date, usually referred to as ‘Gigantic Human Butterfly’ (530 Meters x 450 Meters) appeared in The Netherlands near the southern town called Goes, on the 7/8th of August 2009. The necessary investigation has been already done and there can be no doubt, the message is humans are on track for a metamorphosis.

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The remainder of this article outlines; how the knowledge of devastating cosmic events have been retained, why we appear to have avoided the worst, how evolutionary change is being driven by Space Weather, how we can scientifically explain the metaphysical concept of “the lifting of the veil” and the science that reveals the existence of a shadow biosphere on Earth that is now appearing en masse. There is a need to eradicate all doubt that knowledge of cataclysmic events associated with cosmic cycles have been retained within sacred texts; ancient myths; architecture, art and literature, but that there is also a need to understand that humanity en masse has always had the potential to avoid the worse case scenario and face the challenge of evolutionary change. The aim of this essay is to integrate information and inform those who are interested that we have a ringside seat as we watch the evolutionary upgrade of our planet and its occupants. This transformation is being orchestrated by universal intelligence and some of this operation is being carried out by a previously mostly unseen, “magnetic entities” who exist as part of Earth’s shadow biosphere, that some of our scientists have been quietly investigating for many decades. Even though there is a plethora of new geophysical and high energy atmospheric phenomena that can be cited, outlining apparent Earth changes will not be the focus. Instead, the emphasis is the need to see that energy driven evolutionary change was expected due to cosmic cycles that are used by universal intelligence like clocks to instigate a cosmic ‘inspection’, with cosmic ‘housekeeping’ and possible ‘spiritual evolution’ in our solar system, local galactic region or even our Local Group of galaxies.

In the attempt at understanding what is taking place on this planet, ultimately individuals must realise that there is a need to comply with new universal directives. How that is achieved has been the focus of those most interested in spiritual matters and metaphysics. Basically, universal intelligence recognizes individuals by the energy field that surrounds and interpenetrates the physical body. During times of evolutionary change, that invisible template becomes extremely important as it is required to cope with an influx of new energy and information that will ensure a successful transformation, whilst maintaining normal biological activities. Therefore, massive changes taking place in our solar system are also taking place at an individual level. This is easy to prove as humans are automatically tuned into the environment, as our brains pick up environment signals that are passed throughout our bodies via brain waves, to be picked up by DNA to ensure that it’s coding complies with universal directives. (Of course, there is also the factor of ‘free will’ that also acts to modify the final environmental input.) In earnest, The Greatest Transition in the History of Mankind is a tribute to ‘Seekers of the Truth’ who want to understand more of the celestial mechanics that rule the universe and in the process of exposition a few major secrets are revealed too.

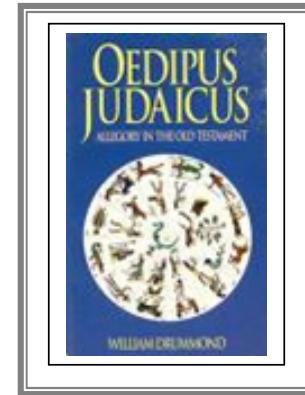


A Gigantic Human Butterfly Crop Circle formation (530 Meters x 450 Meters), the biggest crop circle ever made, appeared in Netherlands near a town in southern Holland called Goes, on the 7th of August 2009. Image copyright: Joop van Houdt

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## Decoding Literature, Architecture, Monuments and Art

Sir William Drummond of Logiealmond (ca. 1770-1828) was a Scottish diplomat and Member of Parliament, poet and philosopher. He wrote the book, *Oedipus Judaicus* (1811), now considered a classic in Bible scholarship. At the time, it was printed for private circulation and only 200 copies were printed in 1811 and then in 1866, 250 copies were reprinted, after having proved highly controversial. Since the mid 1990s, due to the search for more truth and enlightenment by many individuals, copies have only been made more widely available. Drummond believed that the Old Testament of the Bible appeared to contain nothing but a collection of self-contradictory stories about a small and insignificant race of people. So he decided to prove that there was an alternative way to interpret the Bible using the science of comparative linguistics. Drummond interpreted passages from the *Book of Genesis* and the *Book of Joshua*, and explained how the Bible conveyed various truths in an allegorical fashion. Drummond suggested that the writers of the Old Testament;



“...follow the example of all the East, in blending in their narratives real with fictitious events and involving important lessons to mankind whether in morals, or in science, under the guise of recorded fact.”

This is one of the most revealing quotes of the book;

“There can be no system of religion but the true one, which is capable of satisfying a reasoning and reflecting mind. We may believe that as the Chaldeans and Egyptians advanced in knowledge, their learned men secretly renounced, while they continued openly to teach, the errors of Tsabaism, which, in the hands of such men, could have been nothing else but a system of astronomy imposed on the people as a system of religion. Accordingly we find, that the popular Gods of Egypt were in fact mere astronomical symbols. The Sun, the moon, and the Stars, were personified and deified; the conjunction and opposition of planets were made subjects of joy or lamentation; and blessings or misfortunes, were supposed to follow the rising, or setting of the unconscious constellations. When the learned had to mark the commencement of new cycles, or to denote the periodical revolution of the Stars, new gods were introduced into the Pantheon, as regularly as changes were noticed in the calendar. As astronomical periods succeeded each other, the sun, under new appellations, was adored on the throne of heavens; and even as he proceeded in his annual course through the signs of the zodiac, he was hailed by new names and was worshipped under different attributes. Hence, the Egyptian figments concerning the dynasties and the wars of the gods; and hence all the marvels and monsters, which sprang from the allegorical mythology of Egypt.”



**Ethiopian Zodiac.** Ancient Ethiopians organized the science of the worship of the stars and mapped out the signs of the zodiac, which was passed to the Egyptians as a system of astronomy. The American astronomer and mathematician, Professor Arthur M. Harding, traces back the origin of the zodiac to about 26,000 B.C.

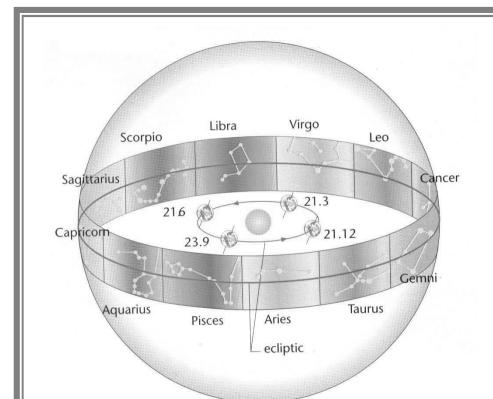
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Drummond, in his *Origines*, said:

"There seems to be no way of accounting either for the early use of letters among so many different nations, or for the resemblance which existed between some of the graphic systems employed by those nations, than by supposing hieroglyphical writing, if I may be allowed the term, to have been in use among the Tsabaists in the first ages after the Flood, when Tsabaism (planet-worship) was the religion of almost every country that was yet inhabited."

Obviously in 1811, the book *Oedipus Judaicus* provoked a bitter response! Drummond realized that simple minded people were satisfied with a literal translation, but he knew that the Old Testament was written by ancient Jews, who like other nations of antiquity, retained esoteric and exoteric doctrines. They concealed the former under innumerable types and symbols that were only taught to initiates, but over time, the meanings had been lost to their descendants. Due to the reception that Drummond expected to receive from the bigoted, accompanied by a 'literary assassination' in the press if his views became widely known, he still bravely decided to only enlighten a small circle. In his book, Drummond eloquently explains his reasoning and demonstrates his high levels of scholarship. He explains what has to be done to decode ancient text, and with his intelligent approach, Drummond's arguments are persuasive. In his treatise, he quoted other scholars, philosophers, learned Jews and Church Fathers who quite evidently understood how various passages from the sacred text should be interpreted, to gain their true meaning. Therefore, once the astronomical significance is pointed out, it is far easier to appreciate what was encoded and why.

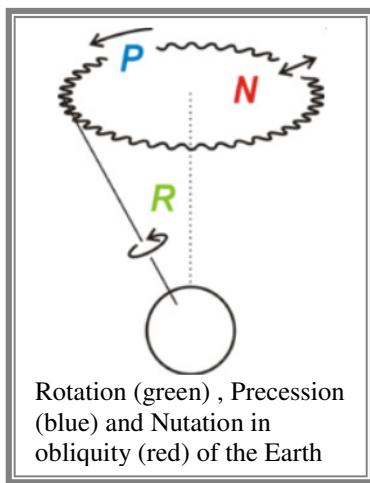
The story of Moses leading the Israelites out of Egypt is a perfect example of how important cosmic events were coded into the Bible and why this was deemed appropriate. Incredibly, the story takes on a completely different perspective when we understand the true significance. Basically, Moses – who was trained as an Egyptian Priest and therefore was an astronomer – realized that the religion imposed on the people was based on astronomy but it was a poor effort at that. Due to rampant elitism, the Priests really did not care about the calendars that were given to the people and this was very unfortunate as accurate calendars are required for successful planting and harvesting. We are told that when the Israelites left Egypt they were worshiping the Bull (zodiacal sign Taurus) when if they were following their religion properly they should have been worshiping the Ram (zodiacal sign Aries). We are told that Moses wanted to impose a new religion of the one true God but the people were addicted to their false gods. Moses realized that the people were too uneducated to understand their plight and so he decided that he had to appeal to the more intelligent priests, the Levites and Elders. According to Drummond, Moses made the decision to get the priests back on track and onto his way of thinking by proving that their system of astronomy was basically flawed and that Moses had a better methodology. The Bible tells us in great coded detail how Moses revealed exactly how bad the situation was — to the horror of these elitist Priests. It seems that the Exodus was caused by a celestial event



The path travelled by the sun, moon and planets through the sky along the ecliptic and the twelve constellations that lie along the ecliptic.

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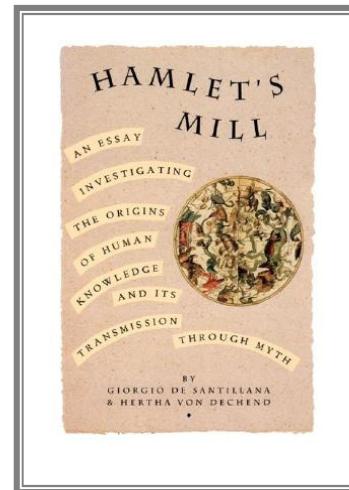
– maybe a comet – that actually slowed down the Earth’s orbit around the Sun, so that a year had changed from 360 to 365 days. It meant that the public calendars were all wrong and the story in the Bible is all encoded information telling us how Moses dealt with the situation. Please note: even today, Mayan Timekeepers traditionally consider those 5 extra days ‘unlucky’. Mayans call the five days at the end of the year, the *Wayeb*, and they were ritualistically viewed as a time when the dark forces of the underworld are unleashed. This is a good example of how the memory of an ancient cataclysm is symbolically incorporated into the culture and traditions of a post-cataclysm civilization.



Drummond tells us that The Old Testament contains calendrical and astronomical information e.g. reconciling solar and lunar systems of reckoning. It also details zodiacal complications caused by precession, i.e. the wobble of the Earth’s poles, which acts as an astronomical timepiece. Briefly, the vernal equinox serves as a pointing hand marking the Sun’s position against the background constellations on the first day of spring, when day and night are of equal length. Due to the precession of the Earth’s poles, the vernal equinox slowly shifts backward through the signs of the zodiac with the advancement of time. It takes about 25,700 years to make a complete circuit of the ecliptic, an interval that in ancient times was termed a Great Cycle. The famous cherubim were four signs of the zodiac that represented the

two solstices and the two equinoxes; Aquarius, Leo, Taurus and Scorpius, when the Sun was in those signs. It was written that the cherubim were stationed around the throne of the Almighty, but the true meaning was that these fours signs were in motion around the Sun and signified the perpetual motion of the whole heavens. The concept of the wheel of heaven was also decoded and as we will see next, this was a very important theme that was preserved in antiquity.

In the book, *Hamlet's Mill* (1969), written by Professors Giorgio de Santillana and Hertha von Dechend, the authors presented a formidable array of mythical and iconographic evidence, which led them to believe that archaic myths from all over the world had been encoded by persons unknown with astronomical data concerning the precession of the equinoxes. The late de Santillana, was professor of the History of Science at the Massachusetts Institute of Technology and the late von Dechend was professor of the History of Science at Frankfurt University and their study took over ten years of dedicated research. Unfortunately for de Santillana, it led to his expulsion from M.I.T. in Cambridge, Massachusetts for his ‘unconventional point of view’ on interpreting the mythology of ancient civilizations. Despite the risk that he must have known existed, de Santillana reveals his true motivation on the completion of his life’s work. Thus he writes:



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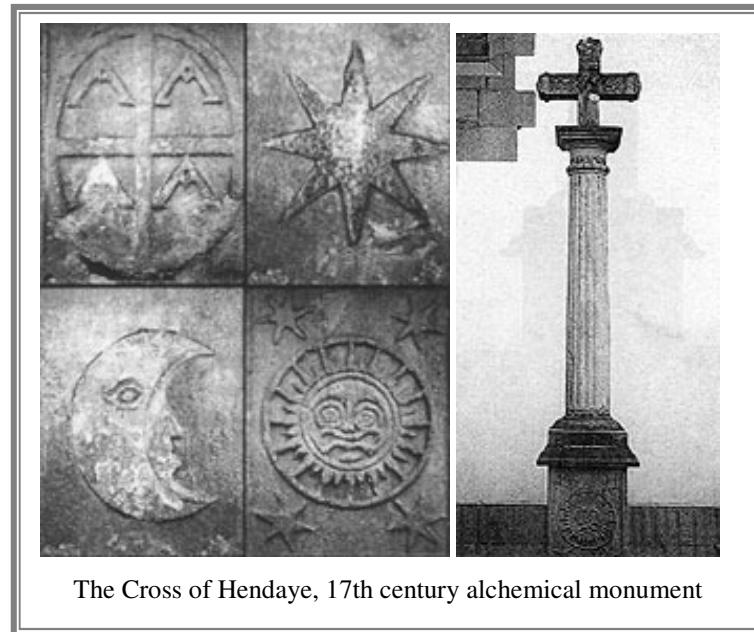
“Whatever fate awaits this last enterprise for my latter years, and be it that of Odysseus’ last voyage, I feel comforted by the awareness that it shall be the right conclusion of a life dedicated to the search for truth.” (In his *Reflections on Men and Ideas*, 1967:xi).

Now, any reasonable person would assume that de Santillana must have committed a grave offence, enough for persons in authority to deem that he must be severely punished for his crime. The question is: what exactly was the crime? *Hamlet's Mill* was a book that was neither widely distributed among the general public, nor widely scrutinized by scholars. In the opinion of Martin Bernal, professor of Government Studies at Cornell University, this happened because “...few archaeologists, Egyptologists and ancient historians have the combination of time, effort and skill necessary to take on the very technical arguments of de Santillana.” So we have to ask again: what technical arguments? The answer appears to lie in those arguments being based on the recurrent and persistent transmission of a ‘precessional message’ in a wide range of ancient myths. Basically, the key images and symbols that repeat in these myths are:

- 1) a ‘derangement of the heavens’
- 2) the ancient traditions of worldwide cataclysm.

In the opinion of de Santillana and von Dechend, the ancient ‘message’ transforms the dome of the heavens into a vast and intricate piece of machinery that is constantly compared with a millwheel, a churn, whirlpool, a machine that turns and turns and turns endlessly yet this motion is always being calibrated by the sun, which rises first in one constellation of the zodiac, then in another, and so on all the year round.

Briefly, in 1986, the author Jay Weidner came across a strange esoteric book that lead him on a trail of intrigue that accumulated in his decoding of some extremely secret and important esoteric beliefs. In a nutshell, our world faces cyclical cataclysm events and the ‘End Times’ are upon us now. The obscure book entitled, *The Mystery of the Cathedrals* (1926), written by an anonymous French alchemist named Fulcanelli, revealed the existence of a strange cross in a churchyard in the small southwestern coastal town of Hendaye France, built by a mysterious and unknown alchemist over 350 years ago. Bizarrely, the enigmatic Fulcanelli stated that the stone cross held ‘the secrets of the universe’. Again, despite the obscurity, Weidner discovered that the original publication of this book caused a huge furore in



The Cross of Hendaye, 17th century alchemical monument

Europe and we are even told that The Office of Strategic Services (OSS), America's First Intelligence Agency went after Fulcanelli. With the help of some other respected researchers, Weidner discovered that the Cross at Hendaye symbolized a 'Great Cross' in the heavens, where the center of the galaxy was going to be at a direct right angle to the Earth's position in the precession of the equinoxes. The base or pedestal of the Cross at Hendaye represented our solar system from the Earth's point of view. The engravings on the pedestal are found to refer to the 4 tarot trumps; The Star, The Moon, The Sun, and Judgement. The pillar represents the Earth's rotational axis that supports the divine cross at the top of the monument. Fulcanelli tells us that the Hendaye Cross symbolized second century CE Gnostic belief in the literal renewal of the earth after its destruction on the Day of Judgment – this is known as Chilaism. He reveals that Fathers of the Church, Origen, St. Denis of Alexandria and St. Jerome, first accepted and then refuted this doctrine. Then he tells us that Chilaism "was part of the esoteric tradition of the ancient hermetic philosophy." Fulcanelli implied that this belief was a pre-Christian and encapsulated an ancient view – the end of the world by a cosmological event, but at the same time, was part of the "esoteric tradition of the ancient hermetic philosophy". Interestingly, these beliefs are still very much in vogue today as the current thought within progressive metaphysical circles is that highly catalytic energies are currently pouring down on us that will trigger transformations.

Weidner was greatly influenced by Dr. LaViolette whose own research revealed that there was a periodic explosions from the center of the galaxy that resulted in the Earth and the Sun being sprinkled by iridium, an extremely rare earth element. The sprinkling of iridium on the Sun could cause it to become a temporary T Tauri-like star, which is characterized by massive solar flares due to the accretion of cosmic dust. Weidner claims that layers found in ice at about 26,000-year intervals suggests that the pulse from the center of the galaxy is somehow linked to the precession of the equinoxes. In reality, LaViolette first presented evidence to the scientific community in 1983, indicating that galactic core explosions actually occur about every 13,000 - 26,000 years for outbursts and more frequently for minor events. The evidence came from radio telescope observations showing that the galactic core (Sagittarius A\* pronounced A Star), has erupted 14 times in the past 6,000 years, with about 80% of these outbursts occurring within 500 years of each other. Citing the ice core beryllium-10 record as evidence, he argued that Earth has not experienced a large core "superwave" outburst for 11,000 years and it has been around 700 years since a minor event. He suggested that a volley of galactic cosmic rays had bombarded the Earth and solar system toward the end of the last ice age, 14,000 years beyond present.

Weidner eventually came to the conclusion at the end of 1998 that the Cross at Hendaye was actually describing a 'season of the apocalypse' rather than a specific date. Presumably, the reason being is that the European astronomer Jean Meeus, in his 1997 book *Mathematical Astronomy Morsels*, calculated the alignment as occurring in May of 1998. What's more, English astrologers organized by David Baker at Kingsley Hall in London celebrated the alignment on May 10, 1998. Weidner eventually published with co-author Vincent Bridges, *A Monument to the End of Time: Alchemy, Fulcanelli and the Great Cross* (1999) and since that time, the book was updated and revised and republished as *The Mysteries of the Great Cross at Hendaye: Alchemy and the End of Time* (2004). Weidner now thinks that two X's on the cross, coupled with the number 20 card from the tarot appeared to indicate a twenty year, or so, final cycle of this season, with the September 22nd 2002 date at the very center of this twenty year span, which would end ten years later with the helical rising of the center of the

galaxy in 2012. Yet based on what had been deciphered, Weidner predicted an apocalypse occurring on September 22nd 2002, which of course did not happen. Weidner states that Fulcanelli assured us that the northern hemisphere would be ‘tried by fire’, but Fulcanelli actually stated the cross encoded the warning of “a purifying fire that will soon consume the Northern Hemisphere”. Unfortunately, Weidner has cited the apparent warming of the globe to prove that Fulcanelli was right, but very recent astronomical facts are now worthy of consideration. Our solar system is threatened by a highly magnetized interstellar cloud that has arrived from the direction of the Galactic center that could literally ‘pop’ the shielding around our solar system. This is at the same time as Earth is currently being blasted by Magnetars, a newly discovered type of neutron star that represents the most extreme magnetic celestial object in the universe. Since 1979, when Earth experienced some rare outbursts, Earth has been experiencing some serious fire-power that has only accelerated in recent years. Be assured, our astronomers are witnessing Earth being ‘tried by fire’.

### **Keepers of Ancient Knowledge Predict Space Weather**

*“We are now in a transition period called the ‘Cycle of the merge of the dark and the light.’...The cycle of the light will come in full force on 12/21/2012...Mother Earth as a living entity will transcend to another level or frequency of consciousness and a new and special era will begin.” Gerardo Barrios, Mayan Time Keeper*

So, the Galactic Alignment came and went in May 1998, but many are still convinced that something apocalyptic will occur in 2012. Meanwhile, some of the claims made by modern indigenous *Keepers of Ancient Knowledge* have been largely ignored, but we are given specific detail of a period of 25 years of transition that is described as a ‘purification’, ‘cleansing’, ‘quickening’, ‘awakening’, ‘warning’ or ‘purging,’ that will accumulate in the start of a New World Age in 2012. In terms of an inward and outward flux of aetheric and spiritual energy, this process has been referred to as a “planetary refresh.” Modern Mayan Elders make their predictions based on their 20 different calendars of varying durations, which have to do with plants, humans, prophecies, numerics, solar system, galaxy, universe and the divine to name a few, but this also includes five calendars that are so secret they refuse to give any details. Therefore, you may ask: why should we pay attention to modern Mayan Elders? Well, if you study what is left of their culture, that was not destroyed or stolen by the Spanish Conquistadors, you find that there are some interesting similarities with others of ancient heritage who also claim like the Maya that they are a remnant of a much earlier and sophisticated world civilization that were also destroyed by cataclysm. Modern Mayan Elders claim that they came escaped the catastrophe that befell Atlantis and there is some very compelling evidence, collected by 19<sup>th</sup> century French scholars that was unfortunately ignored by their peers. By the



Carlos Barrios says Mayan Elders are tracking a Universe-galaxy alignment related to Nájt, the Mayan name for space-time, by using spiral mathematics.

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way, these scholars claim they were shown documents that were in the possession of Mayan spiritual leaders and claimed that the Maya were still hiding documents in secret caves, which suggests that the Maya may indeed be still retaining some of their ancient heritage, as more recent discoveries can prove.

*“One of the huge calendars of the Maya is approximately 26,000 of your solar years. And that calendar is the calendar to indicate when the Earth Mother is going to make the big changes.” Hunbatz Men, Mayan Elder*

We can be especially grateful to special envoys like Mayan Elder Carlos Barrios, a historian, anthropologist and investigator who has been travelling the world sharing the message of the Guatemalan Elders. From the age of 19, he studied with traditional elders for 25 years, and is now a Mayan Ajq’ij, an Eagle Clan ceremonial priest and spiritual guide. Years ago, along with his brother, Gerardo, Carlos initiated an investigation into the different Mayan calendars, studying with many teachers. He says his brother Gerardo interviewed nearly 600 traditional Mayan Elders in an attempt to widen their scope of knowledge. There are stories of them trudging through the Guatemalan jungle in the middle of a civil war with gunshots being heard in the distance, in their earnest desire to find Mayan Elders living in isolation, so it’s very hard to doubt their sincerity.

The Maya and other spiritual traditions understand that cosmic energies arriving on Earth vary in their quantity, quality and properties over time. Hence, the division of earth, air, fire, water and ether (modern spelling aether) being associated with cosmic calendars and cycles to take this into account. Carlos Barrios informs us in his book, *The Book of Destiny: Unlocking the Secrets of the Ancient Mayans and the Prophecy of 2012* (2009) that one cycle of 26,000 years is subdivided into five periods of 5,200 years. These cycle divisions in the Nimahaab, or Long Count, each relate to the movement of the sun with respect to the Milky Way. According to Mayan Timekeepers, “The Grandfathers call this “a return to the beginning.” He writes:

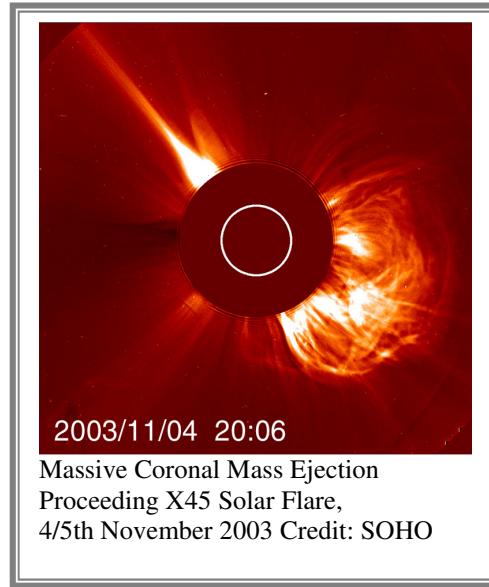
*“Job Ajaw—The fifth Sun. The fifth cycle of 5,200 years will be governed by both masculine and feminine energy (balance) and the element of Ether. December 21, 2012 is the pivotal date that everyone has heard of. According to our tradition, this is when the period of Job Ajaw, or the Fifth Sun is expected to begin. This period is of great importance because it will be a time when humans will ascend to a harmonious spiritual level.” Pg 120*

Hence, we are clearly told that we are entering a New Age dominated by space or the aether that will last 5,200 years and that this transition will occur over a period of about 25 years. Carlos Barrios qualifies this explanation by explaining that we cannot compare the appearance of new energetic influences like turning on an electric light. He states, “It is not, of course, like flicking a switch, and the light comes on at once, but the beginning of a slow progression.” Since, various Mayan Elders have stressed a period of transition to a new dispensation this can now be reasonably compared to our quickly changing cosmic environment. So, the facts are that over the last two decades or so, Earth has been experiencing a phenomenon that our scientists have called Space Weather; we are being bombarded with increasing levels of solar, cosmic and galactic energies. This is literally delivering a shift in the fabric of space-time and the raising energies around Earth to new

levels. As we will describe in more detail, our scientists are awed by the ferocity of this new cosmic awakening and a plethora of new cosmological theories are being proposed. In fact, at the height of solar cycle 23, when the Sun was blasting out huge solar flares, one shocked solar scientist, John Kohl, from the Harvard-Smithsonian Center for Astrophysics remarked: “I have not seen anything like it in my entire career as a solar physicist.” There is now a fleet of satellites monitoring the sun, a technological armada, designed to provide an early warning system, in an effort to protect Earth-orbiting spacecraft. Yet despite this, conditions are such that our satellite communications technology is failing. In May 2009, US government officials announced their concern that the quality of the Global Positioning System (GPS) was close to breakdown and that it could begin to deteriorate as early as 2010. Whilst it was cited that in recent years the US Air Force had struggled to successfully build GPS satellites within cost and schedule goals, they did not publicly expound on the “technical difficulties”. However, it is known that GPS inaccuracy is mainly caused by turbulence in the ionosphere when geomagnetic substorms are in progress, causing fluctuating electron counts. Thus with the increasing impact of Space Weather, geomagnetic conditions in our atmosphere have been getting progressively worse.

Moreover, Earth is being deluged by Space Weather from a variety of celestial sources and cosmic rays are at a space age high and predicted to reach levels not seen in hundreds of years. Scientists are muttering that Earth is being ‘targeted’ by ultra high energy cosmic rays and efforts are being made to work out exactly where these anomalous cosmic rays are coming from. At the same time, some scientists claim that we are being hit by ‘dark matter’ from invisible sources, as scientists have identified sub-atomic positrons, the positively-charged counterparts to electrons, that are thought to originate from dark matter annihilation. Russians scientists disagree and think Earth is being showered by ‘strange’ energy from a pulsar (a type of neutron star), but at this stage, we must consider this as part of a huge influx of galactic space weather.

At the same time as this onslaught is occurring, there are now rifts in Earth’s magnetosphere and massive breaches occurring, but the magnetic interaction between the Sun and the Earth’s magnetic fields are defying our current understanding and fundamentally altering the scientific understanding of the solar wind-magnetosphere interaction. Thus at times, Earth’s magnetic shielding is down, allowing in huge volumes of cosmic energy into Earth’s magnetosphere. The build up of energy from the solar wind can be compared to gas that is turned on and allowed to build up. When the Sun ejects a huge blast of plasma (sub-atomic particles that fill all space, comprised of electrons and atoms that have lost electrons that then become called ions), in the form of a Coronal Mass Ejection (CME), ignition takes place. The “gas” explodes around Earth, resulting in explosive geomagnetic storms and substorms – disturbances in Earth’s upper atmosphere, or ionosphere that have a detrimental impact on satellites, communications networks, and even power grids.



As a consequence of the worsening conditions in space, satellite controllers now have some new logistical problems. Satellite controllers now have to be ultra alert in their attempts to protect and prolong the life of billions of dollars worth of investment. A major issue is trying to work out the least hazardous locations around Earth, in order to minimize the impact on satellite electronics that can be fried by “killer electrons”. These are electrons that originate in the outer Van Allen radiation belt, that are accelerated by shock waves from a solar storm. Space Weather also means that accumulated space debris can no longer be relied on to stay fixed in certain orbits floating around Earth. On the 10th February 2009, two military satellites collided. The defunct Russian satellite Kosmos 2251, crashed into the US Military owned Iridium 33, approximately 800 km over northern Siberia causing great consternation amongst the international satellite communication industry. Both satellites were completely destroyed, but the repercussions mean that as insiders have been claiming for quite some time, we are nearing the tipping point where we could lose the whole of Earth’s satellite network communications infrastructure.

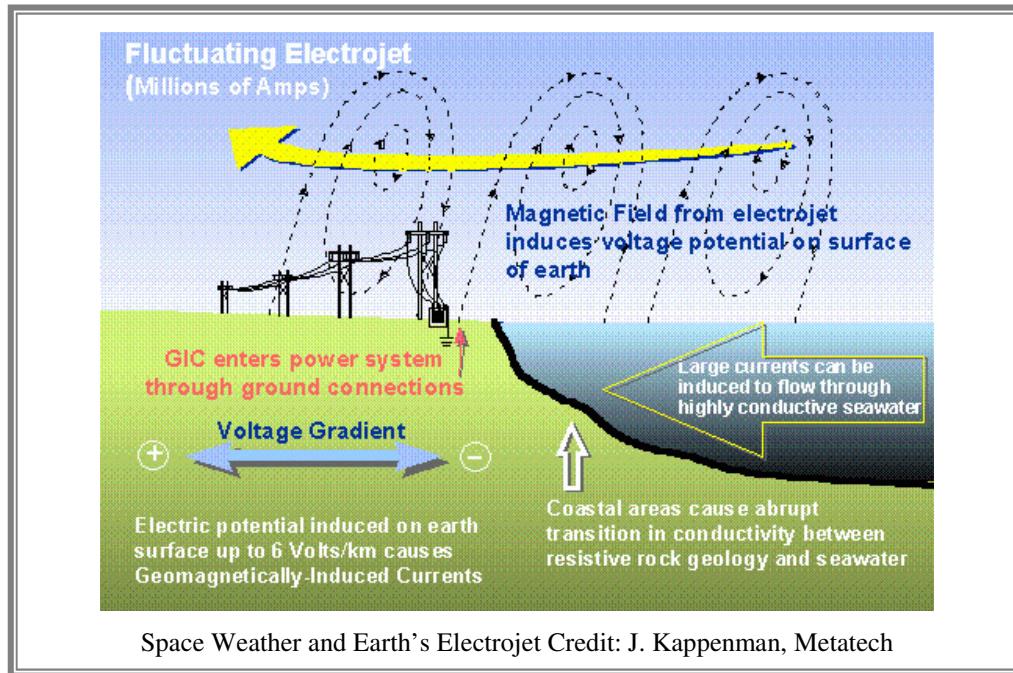
The scientific evidence suggests that Earth or “Gaia” is cooperating with the universal plan of evolutionary change by allowing in huge volumes of cosmic energy. Due to the severity of the impact, there can no denial that we are living in an electromagnetic environment that has become more chaotic and intense as we face an accelerating onslaught of cosmic radiation. The existence of bizarre electrical phenomena like sprites and jets are becoming more widely known, but during geomagnetic storms, there are now new less well known manifestations of a highly charged environment. National Aeronautics and Space Administration (NASA) have discovered strange plumes of plasma originating from the Earth’s equator effecting GPS and impeding high and low frequency radio communications. In March 2010, the European Space Agency revealed that “killer electrons” are now finding their way into Earth’s atmosphere and at the South Atlantic Anomaly where the Earth’s shielding is weak, this is even more of a concern. NASA have admitted that this means there is an increased risk of electromagnetic interference (EMI) for satellite transmissions, airline navigation and radio communications (but not much mention that humans can suffer from EMI too). Thus we learn that pilots are voicing their fears that a solar EMP (electromagnetic pulse) was believed to be likely cause of the Air France 447 plane disaster when an Airbus 330-200 went down en route from Rio de Janeiro to Paris on June 1, 2009, killing all 228 aboard. This comes on top of the admission by accident investigators that Qantas Airbus flight QF72 on its way from Singapore to Perth on 7th October 2008, was hit by cosmic rays such that the plane went into an uncontrolled descent and ascent over the Indian Ocean, resulting in 100 passengers being hurt, 11 of them seriously. One emergency responder stated: “Inside the plane it was like a tornado had gone off.” It took 13 months to come to this conclusion which has received very little attention in the press, but the lack of interest will soon change as it becomes more and more obvious that Space Weather is having an impact on our modern technological world.

There can be now very few people who drive a car that have not heard about the problem of sudden acceleration in Toyota cars that have resulted in more than 100 possible deaths. The blame has been placed on cosmic rays interfering with car electronics and while the resulting publicity has been focused on Toyota Motor Corporation, experts believed this is more of a widespread problem as reports involve electronics in other types of cars too. In our car loving societies, the levels of concern have prompted experts from the NASA to get involved, while

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the National Academy of Sciences, which advises the government, will undertake a separate, 15-month study into the use of computer technology in cars.

*“Before 1989, believing in space weather effects on power systems was regarded by some as equivalent to believing in little green men from outer space.”*  
David Boteler, Electrical Engineer



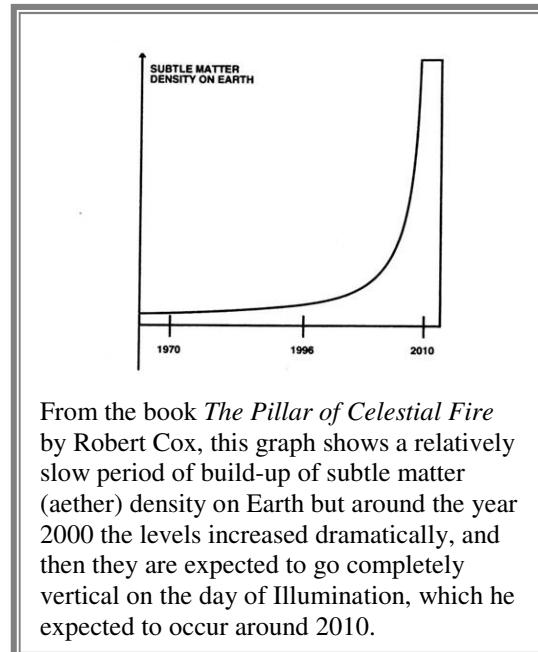
As Space Weather progressively worsens, our space scientists are taking the threat to our modern technological world seriously. Besides warnings to the public that we should expect much greater geomagnetic storms in the future, NASA requested a study to assess the potential damage from significant Space Weather during the next 20 years. The report released in January 2009 titled, *Severe Space Weather Events--Understanding Societal and Economic Impacts: A Workshop Report*, authored by Committee on the Societal and Economic Impacts of Severe Space Weather Events: A Workshop & National Research Council, describes the adverse effects of extreme Space Weather on modern technology—power grid outages, high-frequency communication blackouts and spacecraft anomalies. These are all well documented now, but the potential economic and societal impacts of this disruption of critical technological systems by severe Space Weather, had not been previously outlined, but can be compared to the impact of any other major natural disaster.

In the metaphysical community, there has not been much discussion about Space Weather and in the early and mid 1990s, there was some outright denial that there was any *New Energy* on the planet. This was at the same time that our scientists were busy watching massive bursts from the Sun, slamming into our magnetosphere, spiraling down the poles into the Earth's core and some excess energy being stored around the equator! However, from the metaphysical community, one prediction has stood out for its accuracy. According to Barbara Marciniak, an internationally acclaimed trance channel, inspirational speaker, and best-selling

author, the gradual build-up of energies on Earth is part of a divine plan. In Marciniak's book, *Earth: Pleiadian Keys to the Living Library* (1995) we find the following:

"When you encounter cosmic celestial events in your future, you will already have been exposed to the energy. So what you are being given now is like a homeopathic dose."

In the later book, *Path of Empowerment: Pleiadian Wisdom for a World in Chaos* (2005), Marciniak provided a formula for the dramatic increase in energy transmission rates. Thus, from 1987 – 1996, the "energy of acceleration" will increase 10 times, year on year. From 1997 – 2006, the energies will increase 100 times, year on year. The last five years until 2012, 2007 – 2012, the increase will be 100,000 times, year on year. This agrees with information by enlightened Seers of the biblical, Egyptian, Vedic, Taoist and native American traditions collated by Robert Cox in his valuable book, *The Pillar of Celestial Fire – The Lost Science of the Ancient Seers Rediscovered* (1997). He states that around the year 2000, subtle matter levels are predicted to increase dramatically and then go exponential as 'The day of illumination' occurs, which he believed would occur in 2010.



### **The Management of Earth's EM Grid**

There have been some other 'odd' messages coming from the metaphysical community in recent years. Undoubtedly, some of the most enlightening have been channelled messages from a so-called "Magnetic Master" telling us that the electromagnetic grid of our planet was being shifted to allow for our enlightenment. Since channelled messages are routinely dismissed, it must be pointed out immediately that these "wild" claims were corroborated by the report *Planetophysical State Of The Earth And Life* (1997, 1998) written by Alexey N. Dmitriev et al. Thus, we were reliably informed that there is, "a general reorganization of the electro-magnetosphere (the electromagnetic skeleton) of our planet". The real issue is that the report informed us that the process was being carried out by "interworld processes". In fact, this is the exact statement from the report's conclusion:

"...the very dramatic and unusual manifestation of non-homogeneous vacuum, or classical non-mechanical ether, domain structures. These structures, or objects, then interact with the heliosensitive zones producing deep and powerful effects upon the environment such as the alteration of seismic activities, and chemical compositions. Because **these non-homogeneous vacuum domain objects display not-of-this-physical-world characteristics** such as "liquid light" and "non-Newtonian movement" **it is difficult not to describe their manifestations as being "interworld processes"**. It is important to note that those heliosensitive zones that exhibit

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middle and large scale processes are also those that are closely associated with these “interworld processes” produced by physical vacuum homogeneity disturbances.”

“Hundreds of thousands of these natural self-luminous formations are exerting a increasing influence upon Earth’s geophysic fields and biosphere. *We suggest that the presence of these formations is the mainstream precedent to the transformation of Earth;* an Earth which becomes more and more subject to the transitional physical processes which exist within the borderland between the physical vacuum and our material world.” [Bold added for emphasis]

Just to provide some background information; In 1991, Lee Carroll, a newcomer to the metaphysical community, started to give Kryon messages in Del Mar, California. The Kryon “channeling” was so well received that books comprised of these messages quickly spread around the world. The messages were so impressive that Carroll has been invited on seven occasions to give messages to a United Nations chartered group, known as the *Society for Enlightenment and Transformation* (S.E.A.T.), at the United Nations in New York City. According to Carroll, these plasma spheres are not UFOs, they are magnetic entities that are part of universal consciousness. He says: “This group has been part of the work of the Earth since it began. It’s an energy that moves between two of the three grid structures on this planet and deals with them as they need adjusting.” Carroll states the arrival of ‘The Kryon Group’ in 1989 – the year of ‘The Great Magnetic Storm’ – was to help reset the magnetic grids in response to our changing of the planet’s goals and to enable our enlightenment. This adjustment finished at the end of 2002.

There is a great deal of proof of the existence of these plasma spheres, as the military and small groups within the scientific community have been studying their existence for at least 60 years. Even previously “top secret” military reports are now in the public domain revealing the truth that the UK military believe that most UFOs are actually plasma phenomena. The 460 page report ‘*Unidentified Aerial Phenomena in the UK Defence Region*’ [2000] was actually made available using the UK Freedom of Information Act [2005] and can be downloaded from the UK government National Archives website. Codenamed Project Condign, the report’s Executive Summary opens with this unequivocal statement:

“Reports of UAP (popularly known as “UFOs”) are usually described as coloured lights and sometimes shapes. They are typically spherical, disc, torroidal or cigar shaped. Very occasionally they are reported with sound and even with smell. Reports occur because they comprise unfamiliar and unexpected lights, shapes and patterns, in the context in which the observer sees them. The phenomena occur on a daily, worldwide basis. [...] “That UAP exist is indisputable. Credited with the ability to hover, land, take-off, accelerate to exceptional velocities and vanish, they can reportedly alter their direction of flight suddenly and clearly can exhibit aerodynamic characteristics well beyond those of any known aircraft or missile-either manned or unmanned.”

In recent years, the general public is becoming more aware of the existence of these plasma spheres that are part of Earth’s shadow biosphere – a life form that is native to this planet. There can be no argument, this shadow biosphere does exists, because even as recently as April 2010, The National Aviation Reporting Center on Anomalous Phenomena [NARCAP] released a huge 153 page report, comprising of 23 separate documents entitled, *Spherical UAP and Aviation Safety: A Critical Review*. From the introduction we read:

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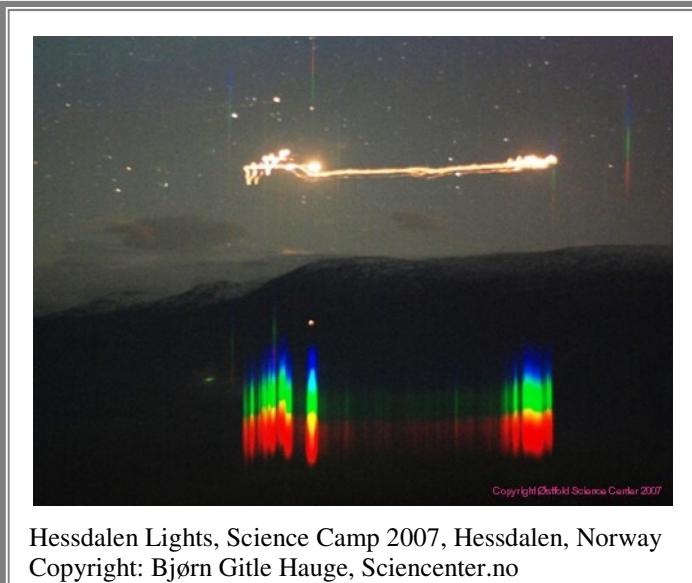
“Flight safety within the National Aerospace System (NAS) of the United States of America remains of critical importance to everyone who is associated in any way with aviation. Other nations share similar concerns as well. [...] This report addresses one particular subject that, as far as can be determined from the open literature, has been overlooked by aviation officials at all levels, viz., generally small, energetic, propelled (i.e., not passive), spherical phenomena and/or objects that have been reported for decades within the NAS and elsewhere around the world.”

From the conclusion:

“Given that this report and others cited here have pointed out the existence of rare but real phenomena and perhaps even unidentified solid objects that fly in close proximity to all kinds of airplanes in many nations at all hours of the day and night and at all flight altitudes why haven’t any American aviation officials taken them seriously? There are several clearly defined actions that could be taken to better prepare in-flight and ground personnel for such encounters and thereby improve safety. These actions are briefly mentioned here and also in the third section of this final chapter.”

NARCAP was established late in 2000, and is dedicated to the advancement of aviation safety issues as they apply to Unidentified Aerial Phenomena (UAP). Besides many technical reports, there is an online catalog, *Unidentified Aerial Phenomena: Eighty Years Of Pilot Sightings* that comprises of military, airliner and private pilots sightings from 1916 to 2000. The February 2001 edition includes 1300+ cases.

Furthermore, there is ongoing scientific research around the world under the guise of monitoring “light phenomena”. The most well known has been conducted over for over 25 years in Hessdalen, Norway a small 12km long, sparsely populated valley in the central part of Norway. Between 1981 and throughout 1984, residents of the valley became concerned and alarmed when hundreds of strange and unexplained lights appeared at many locations throughout the valley. Even though lights have been seen since the 1940s, peak activity rose to about 20 reports a week. In the summer of 1983, Project Hessdalen was initiated. The first field investigation was carried out between 21st January and 26th February 1984, when fifty-three light observations were made. This initiative was started and supported with full positive support of the local community in and around Hessdalen and fieldwork was given free of charge from about forty people. A wide variety of sophisticated instrumentation was used in order to try and get to grips with the unknown lights. Radar, magnetometer, radio-spectrum analyzer, seismograph, cameras (some of them equipped with dispersion gratings), Geiger counter, infrared viewer, and laser (Strand, 1985;



Hessdalen Lights, Science Camp 2007, Hessdalen, Norway  
Copyright: Bjørn Gitle Hauge, Sciencenter.no

2000). Probably the most important result was that the luminous events often coincided with magnetic perturbations.

In March 1994, the first *International Workshop on the Unidentified Atmospheric Light Phenomena in Hessdalen* was held and attracted twenty-seven scientists from eight countries including representatives from Russia and Japan, enormously boosting the scientific research in Hessdalen. It was organized by assistant Professor Erling Strand the founder of the Hessdalen project, together with assistant Professor Bjørn Gitle Hauge from Østfold University College Norway. Statements from the congress indicated that resolution and explanations of the phenomena could lead to new concepts in physics. This congress further initiated a joint research program between Istituto di Radioastronomia, Bologna, Italy and Østfold College, Norway involving scientists and engineering students. In 1999, SETI scientist Dr. Stelio Montebugnoli and Bjørn G. Hauge started the EMBLA project, with the purpose of studying the electromagnetic radiation and behavior of the Hessdalen phenomena. Thus, when the Italian researchers brought with them the “firepower” of radioastronomy equipment, EMBLA ended once and for all the speculative debate about if the phenomena existed or not. The four year long EMBLA campaign revealed to researchers the following:

- Φ The phenomena has been identified as a flying luminous object with certain characteristics that make it unique to science
- Φ The phenomena are more elusive than anticipated, and that it may be more than just one phenomena.
- Φ The phenomena may be made up of several smaller pieces which can break out from the main body and fly away.
- Φ The body seems also able to collect fractal pieces of energy/plasma from the ground while flying by.
- Φ The phenomena speed varies from still to 8km per second.
- Φ The phenomenon changes course in speeds indicating no mass by physical means.
- Φ The phenomena must radiate energy because it changes color, but no electromagnetic radiation can be 100% connected to it at this time.
- Φ Many interesting spectra in optical and radio frequency have been obtained, but more data is needed to correlate the radiation to the phenomena.

Lights are still being observed in the Hessdalen Valley, but their frequency has decreased to about 20 observations a year. A documentary called *The Portal: The Hessdalen Light Phenomenon* [2009] explains the latest scientific research and conclusions about the light phenomena and can be easily found on the internet.

## **Space Weather And Earth's 'Web of Power'**

At this point, it is necessary to clarify why Earth's electromagnetic grid was adjusted. Scientific studies have revealed that any living entity is surrounded by an electromagnetic field. In this regard, three Russian scientists Goncharov, Morozov and Makarov, proposed the idea that Earth had a grid, which they believed was derived from Earth's crystalline inner core. In 1981, this idea was not new, as ancient oral and written sources, like India's Mahabharata, ancient Chinese hymns, Platonic philosophy, and Russian folklore mention a triangular division of the Earth's surface, but this research was actually based on ten years of solid scientific analysis. Consequently, many other researchers were galvanized to study the nature of Earth's electromagnetic grid. Curiously, in October 2002 at the time we were being told that the basic restructuring of the grid was virtually complete, Joseph Jochmans, a historian and anthropologist, wrote about his belief that we would see a new grid, that he referred to as the "Christ Grid". Jochmans wrote about ancient and modern indigenous peoples the world over with very similar traditions of earth energy patterns, memories retained in mythology of a "broken web of power". Here, we can cite one of many examples; the Maya of Valladolid, Yucatán, recalled the existence of "a road suspended in the sky" over the peninsula. We must note the "vanishing" of the celestial rope *before* the primeval deluge. It is recorded:

"There was a road suspended in the sky, stretching from Tuloom and Coba to Chich'en Itza and Uxmal. This pathway was called the *kuxan sum* or *sakbe*. It was in the nature of a large rope [*sum*] supposed to be living [*kuxan*] and in the middle flowed blood. It was by this rope that the food was sent to the ancient rulers who lived in the structures in ruins. For some reason this rope vanished forever. This first epoch was separated from the second by a flood called *Halyokokab*."

Jochmans had a vision of a New Golden Age, where we would have a new grid with a crystalline form that is made up of twelve double-pentacles equally spaced across the surface of the globe. Today, in certain metaphysical circles, it accepted that we have a new 'Paradise,' 'Diamond' or 'Christ Grid', and that Earth can now support a much higher level of consciousness for mankind.

For the sake of simplicity, the Earth's electromagnetic grid can be visualized as a series of power lines carrying electromagnetic and embedded invisible scalar or aetheric energy. Since 1989, various metaphysical sources have been adamant that the grid was being reconfigured, but there has been very little discussion as to why this has been necessary besides the fact it was for our enlightenment. However, there was a great sense of urgency in mid 2007, when various initiatives were made, encouraging people to focus or meditate on Earth's grid. The most well known was called *Fire the Grid* that took place on 17th July 2007 organized by Shelley Yates and the 8th July 2007, *Planetary Creatrix* organized by the metaphysician Tom Kenyon. The most intriguing aspect of all this, was one metaphysical source that clearly stated that Earth's grid was being upgraded again and given "higher bandwidth". Yes, this is extraordinary when we consider that technical information is normally shunned by many seeking spiritual solace! From Celia Fenn, a well respected metaphysician, the following message *Crossing the Threshold* was given in August 2007. From the section headed *The Diamond Paradise Grid and the Opalescent Flame of Healing and Balancing*, we are told:

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“Firstly, in order to “anchor” these changes and the increased radiance, the Paradise Grid was “upgraded” by the infusion of Cosmic Diamond Light. The Paradise Grid or Matrix was established in 2005 to be the Crystalline Geometric Matrix for the New Earth. It is a perfect Icosahedron that encircles the Earth and carries the Paradise Codes. In July it was upgraded by the transfusion of this powerful Diamond Light or Fire, and we now call it the “Diamond Paradise Grid”. It is ready to receive your manifestations as you create the Paradise that will be the New Earth.”

With the necessary background knowledge, this need for higher bandwidth becomes all too clear. The grid needed to be fixed up so that when it was challenged by a deluge of galactic cosmic energy it would be able to cope. Now, the question is: how could anyone believe this message? Well, the point of information being retained over thousands of years is that those who are interested can find the pieces of the jig-saw puzzle that have been scattered and place them back into some arrangement to gain the perspective of ‘The Big Picture’ and what we should expect. In the book, *Hamlet’s Mill*, we are told in no uncertain terms that in a previous epoch, Earth’s grid did not cope with the downpour of galactic energies and the result was “a burnt out world”. This is the opinion of the authors of *Hamlet’s Mill*, who studied the origins of many ancient myths and particularly the translations of the following Polynesian sacred chant. Dr. Joseph Rock translated the following from German:

“The wheel of time turns to the burnt-out remains of the world,  
Back again, then upwards,  
Time is as yet sunless with a dull light,  
And only floating in the dim moonlight  
From Makalii’s awful veil of cloud  
Tremble through in shadowy fashion the outlines of the future world,  
The beginning of darkness from the depths (roots) of the abyss,  
The primordial beginning of night in night  
From far away, far, far away,  
Far from the remoteness of the sun, far from the remoteness of the night,  
Still night all around.”

Apparently, the sacred chant was composed in 1700, but only written down decades later. When the German anthropologist, Adolf Bastian, visited the islands he studied the manuscript, recognized its importance, and made a partial translation into German which appears in his studies of sacred chants of Polynesia, dated circa 1881. So despite academic arguments about this translation, the point that de Santilla and von Dechend tried to make was that many ancient myths were co-opted and encrypted with astronomical information. Again, in the book, *The Sacred Theory of the Earth* (1691) by Thomas Burnet, we are told that the Greek ‘doctrine of the Conflagration’ is common knowledge amongst the learned, i.e. Earth is destroyed by fire or water and this knowledge has been passed down. Hence, all the messages over millennia that humanity has to evolve and develop higher consciousness as this is how Earth’s grid is calibrated. It seems talk about ‘The Day of Judgment,’ has not been an idle threat, the universe really has a way of dealing with its creations that don’t come up to scratch. Obviously, this kind of information has been limited to a few, and while some powerful people have been aware of the truth, they have desperately tried to buck the system...

### **"It's a whole new ball game in space"**

Back in the 1990s, the New Age/metaphysical community paid a great deal of attention to the “Photon Band” that was supposed to cause havoc on Earth, but the current emphasis is the 2012 Galactic Alignment, despite the fact it actually occurred in 1998. In 1997, Dmitriev et al. provided new information and informed the world that our planet and solar system was passing through a highly magnetized region of space, characterized by Birkeland Currents. Plasma cosmologists would describe these as huge electric currents in space that are formed when plasmas are concentrated by magnetic fields, where they tend to braid and create usually unseen power lines. Even though the Planetophysical report employs different terminology, the meaning is quite clear and states:

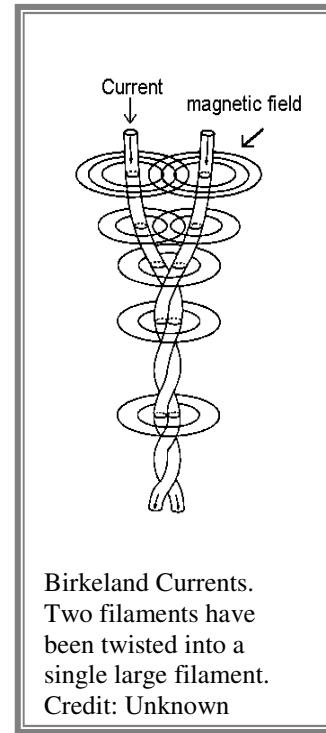
“This kind of interstellar space dispersed plasma is presented by magnetized strip structures and striations.”

It now appears that researchers can hardly be blamed for not being able to reconcile conflicting astronomic reports. For over thirty years, our astronomers have been monitoring the solar system’s transition from the Local Interstellar cloud (our old neighborhood) into the transition zone (described by Dmitriev et al.), that we are now in and they have become increasingly apprehensive about our arrival into the Galactic Cloud or ‘G Cloud’ that is so called, because it has approached us from the direction of the Galactic Center. As scientists gave wildly inaccurate estimates of this occurrence taking place in tens of thousands of years, we are now in a situation where some astronomers are prepared to state this transition into G cloud could occur tomorrow. Therefore, even NASA scientists are admitting that Earth’s future is uncertain. Moreover, matters have only got more complicated. In 2009, scientists were stunned when NASA’s IBEX (Interstellar Boundary Explorer) spacecraft discovered a giant ribbon of atomic particles floating at the edge of our solar system. Nothing like the space ribbon has ever been seen before, it was totally unexpected and quickly scientists were forced to come up with some new theories. Arguments have raged on internet forums, but there is no doubt that we are in a pivotal moment in our history. NASA science writer Dr Tony Philips wrote:

“And upon this field, the future may hinge.”

“The solar system is passing through a region of the Milky Way filled with cosmic rays and interstellar clouds. The magnetic field of our own sun, inflated by the solar wind into a bubble called the “heliosphere,” substantially protects us from these things. However, the bubble itself is vulnerable to external fields. A strong magnetic field just outside the solar system could press against the heliosphere and interact with it in unknown ways. Will this strengthen our natural shielding - or weaken it? No one can say.”

One commentator explains the revelations succinctly as follows:



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“These discoveries about the outer fringe of our solar system come at a time when new NASA revelations have piled up so fast and so frequently that our paradigm is completely changing again and again without the general public even really being aware. [...]

*“It’s a whole new ball game in space.”*

Dr McComas, principal investigator on the IBEX mission is honest enough to state it is still unclear exactly what would happen if the heliosphere continued to weaken or even what the timescale for changes in the heliosphere are. He is quoted as saying:

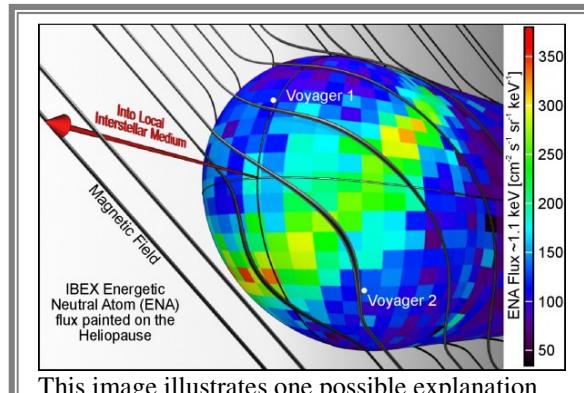
“There is no imminent danger, but it is hard to know what the future holds. Certainly if the solar wind pressure was to continue to go down and the heliosphere were to almost evaporate then we would be in this sea of galactic cosmic rays. That could have some large effects.”

Within the metaphysical community, there have been a few sources that have claimed that we should expect the arrival of ‘adamantine’ particles and diamond ray or diamond flame energy. This is at the same time that we have been told by one anonymous source that various space agencies have been monitoring the approach of a strange object. Due to the fact that this is hearsay, all that can be stated is that the object was like nothing that astronomers had seen before. However, its defining characteristic was that it was crystalline plasma. At this point, it must be mentioned that there have been many confusing press releases in recent years about a strange object in space and this has caused a huge amount of ferment, but it seems that a new picture is emerging. We now know that our solar system is now passing through a strongly magnetized interstellar cloud that has been called “Local Fluff” and others have endearingly called “Fluffy”. It is also known that dense dusty plasma is also entering our solar system but according to plasma cosmology, that can only happen if the dusty plasma has a higher charge and potential. However, information has been circulating for quite some time that within this cloud are likely to be cloudlets of denser and more highly charged plasma and it seems this could be an explanation for the strange object. The situation was clearly explained by U.S. scientists in a BBC News article, *Cosmic clouds threaten Earth*, dated May 28, 1998. This is the complete article:

Hollywood’s latest disaster movie fixation, the Earth threatened by the impact of giant comets or asteroids, could be dangerously out of date according to scientists in the US.

**They believe life on Earth is more likely to be wiped out by an impact with a cosmic cloud.**

The predictions by Gary Zank, from the Bartol Research Institute at the University of Delaware, have been presented to the American Geophysical Union’s spring meeting in Boston, Massachusetts.



This image illustrates one possible explanation for the bright ribbon of emission seen in the IBEX map. The galactic magnetic field shapes the heliosphere as it drapes over it. The ribbon appears to trace the area where the magnetic field is most parallel to the surface of the heliosphere (the heliopause). Credit: Southwest Research institute

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His research shows that if the Solar System hits even a small gas cloud in space, the “bubble” surrounding it which protects life on our planet could burst.

As our sun moves through extremely ‘empty’ or low-density interstellar space, the solar wind produces a protective bubble, the heliosphere around our Solar System, which allows life to flourish on Earth. **“Unfortunately, we could bump into a small cloud at any time, and we probably won’t see it coming.** Without the heliosphere, neutral hydrogen would interact with our atmosphere, possibly producing catastrophic climate changes, while our exposure to deadly cosmic radiation in the form of very high-energy cosmic rays would increase.

**“We won’t know that our heliosphere is collapsing until we see highly elevated levels of neutral hydrogen and cosmic rays,”** said Professor Zank.

Although there is no need to panic right now, our descendants in 50,000 years should be alarmed.

Pushed by galactic wind, a particularly troublesome cloud zone located in a star-forming region near the Aquila Rift, about 815 light years away, is “clearly headed our way” according to Professor Zank.

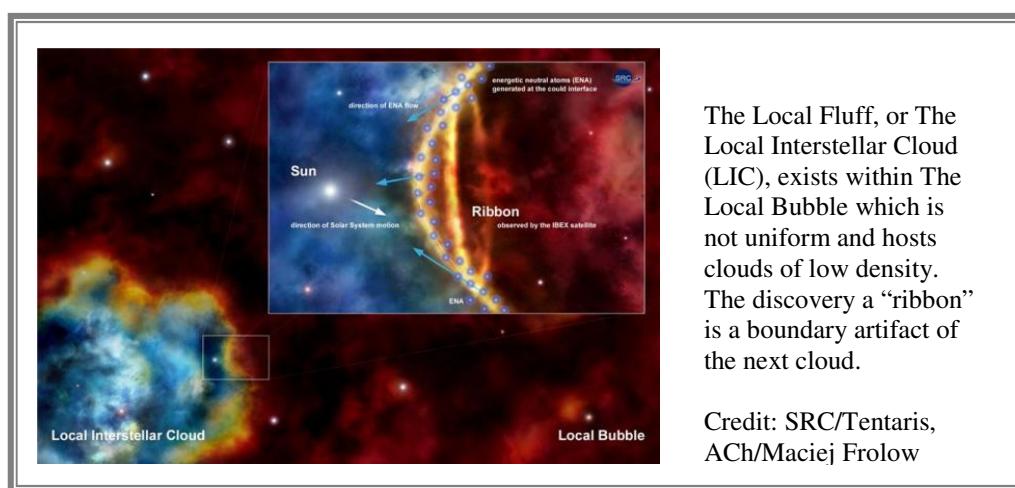
**He is also warning that small knots of gas called the “Local Fluff” could be encountered far sooner.**

Mankind has been lucky so far, Professor Zank believes, as over the past five million years “we’ve had incredibly smooth sailing” because the sun has been coasting through calm interstellar waters that are virtually empty, containing on average less than one atom per cubic inch of space.

Although the solar system is in a region of space containing between three and four atoms per cubic inch, the weather in space could change because the universe is “full of clouds”.

So, it should be no surprise to find that since the 1990s, studies into dusty plasmas have been galvanized and we find that plasma experiments on the International Space Station by Russian and American astronauts are still ongoing. Furthermore, inside the cosmic cauldron we call the immediate environment of Earth – with various ingredients that our scientists are at a complete loss to explain – it is imperative to reveal how this concoction is being mixed by the finest blenders in the galaxy.

*“The universe is a big place and weird things can happen”  
Stefanie Wachter of NASA’s Spitzer Science Center, Caltech, Pasadena*



## **Extreme Space Weather — Trial By Fire?**

On December 27, 2004, the Earth experienced an extreme Space Weather event, fire from the skies in the form of a rare celestial object called a Magnetar. This is a type of neutron star, distinguished by the size of its magnetic field and determined by astronomers to be the most extreme magnetic object in the universe. They are still considered rare, but astronomers have now found eighteen at the last count, making up a very small select group. There are millions of neutron stars in our Milky Way but magnetars are in a class of their own, because their magnetic fields are a thousand times stronger than normal neutron stars at billion ( $10^{15}$ ) gauss and a trillion (10,000 million) times stronger than that of the Earth—strong enough to strip information from a credit card at a distance halfway to the moon. For comparison, the magnetic field of the sun is less than 10 gauss in most places, and about 1000 gauss near sunspots. Here is how this event was described by Phil Plait, astronomer, lecturer, and author. He writes:

“The scale of this onslaught is nearly impossible to exaggerate. The flood of gamma and X-rays that washed over the Earth was detected by several satellites designed to observe the high-energy skies. RHESSI, which observes the Sun, saw this blast. INTEGRAL, used to look for gamma rays from monster black holes, saw this blast. The newly-launched Swift satellite, built to detect gamma-ray bursts from across the Universe, not only saw this blast, but its detectors were completely saturated by the assault of energy... even though Swift wasn’t pointed anywhere near the direction of the burst! In other words, this flood of photons saturated Swift even though they had to pass through the walls of the satellite itself first!”

“It gets worse. This enormous wave of fierce energy was so powerful it actually partially ionized the Earth’s upper atmosphere, and it made the Earth’s magnetic field ring like a bell. Several satellites were actually blinded by the event. So what was this thing? What could do this kind of damage?”

“Astronomers discovered quickly just what this was, though when they figured it out they could scarcely believe it. On that day, half a decade ago, the wrath of the magnetar SGR 1806-20 was visited upon the Earth.”

An international team of astrophysicists described the blast in the July 20, 2005 issue of Astrophysical Journal Letters, a research journal. It was reported:

“The burst produced vibrations in the star that generated quick fluctuations in the X-ray radiation it released into space. These pulses are emitted during each seven-second rotation of the fast-spinning star and reveal the frequency, or speed, of the star’s vibrations.”

“This explosion was akin to hitting the neutron star with a gigantic hammer, causing it to ring like a bell,” said Richard Rothschild, an astrophysicist at the University of California and one of the authors of the report.”

“Now the question is: what does the frequency of the neutron star’s oscillations—the tone produced by the ringing bell—mean?”

“...The quakes ripped through the star at a stupefying speed, vibrating the star at 94.5 cycles per second, researchers said. “This is near the frequency of the 22nd key of a piano, F sharp,” said Tomaso Belloni of Italy’s National Institute of Astrophysics, a member of the team who measured the signals.”

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In reality, it was not just Earth's magnetic field that was ringing like a bell, our whole solar system and galaxy rang with the sound of this celestial bell! Obviously, this did cause some debate about the esoteric meaning of the note F sharp amongst a few metaphysicians.

According to astronomer Bryan Gaensler, on the morning of the 29th December 2004, he was alerted by an urgent message sent by email from a colleague at the U.S. space agency NASA. In response, he quickly organized for the Very Large Array (VLA) in New Mexico – a group of 27 interlinked dishes that comprises the world's most powerful radio telescope – to point at the coordinates of this star and in the next few weeks, every available powerful telescope in the world was utilized to observe and record this event. Even astronomers on vacation were tracked down and told to train every telescope they could find on the position of this magnetar. This is how Gaensler described what happened:

“Well it took us a few days to realise just what we were dealing with, but we now know that SGR 1806-20 had generated a kind of ‘solar flare on steroids’, resulting in the brightest explosion in the history of astronomy. Brighter than the powerful gamma-ray bursts produced when distant black holes are born, brighter than the once-in-a-century supernova explosions recorded by the ancient Chinese and often visible in broad daylight, brighter even than the full Moon. **This little magnetar gave off more energy in 0.2 seconds than the Sun does in about 200,000 years.**”

On 19<sup>th</sup> February 2006, in St. Louis at the annual meeting of the American Association for the Advancement of Science (AAAS), Stanford electrical engineering Professor Umran Inan described what scientists had learned from this once rare and dramatic atmospheric disturbance. In his presentation entitled, “*A Giant Flare from a Magnetar: Blitzing the Earth from Across the Galaxy*”, this is what was revealed:

“Enormous gamma-ray flares—such as this giant flare from magnetar SGR 1806-20—**affect our lower ionosphere to such a massive degree** that by simply watching and measuring its response to and recovery from the flare, we are bound to learn more about the dynamics of these upper atmospheric regions, which are ultimately so important for our quantitative understanding of space weather, as well as communication and navigation systems.” [Bold added for emphasis]

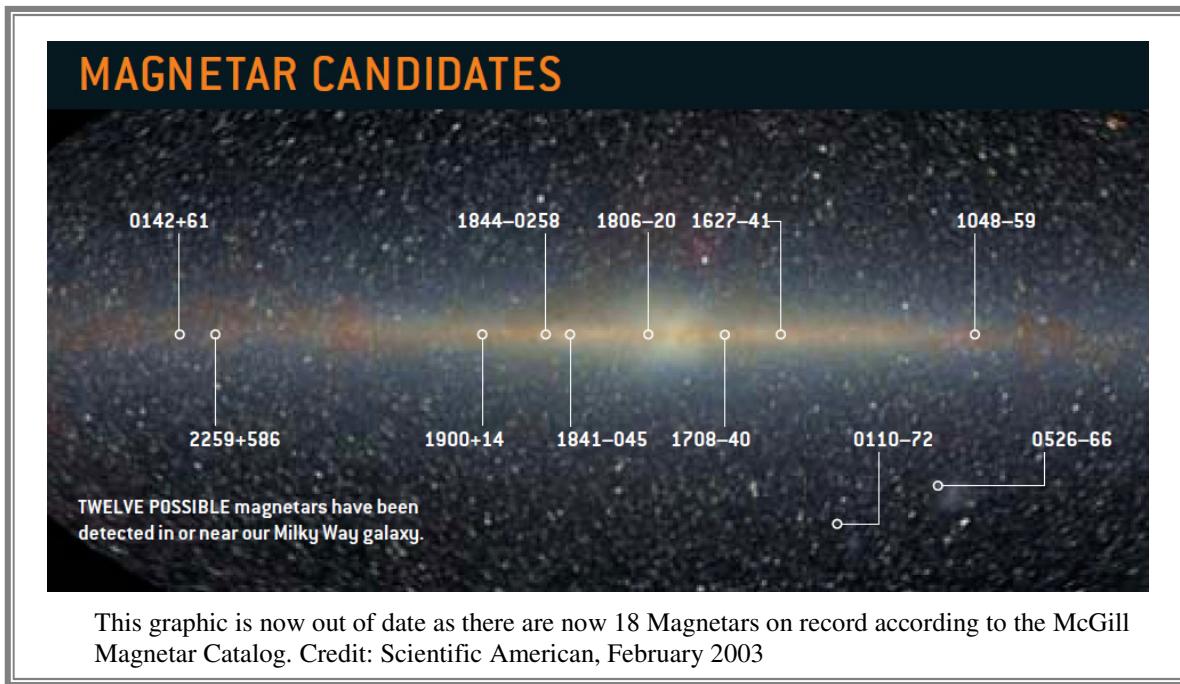
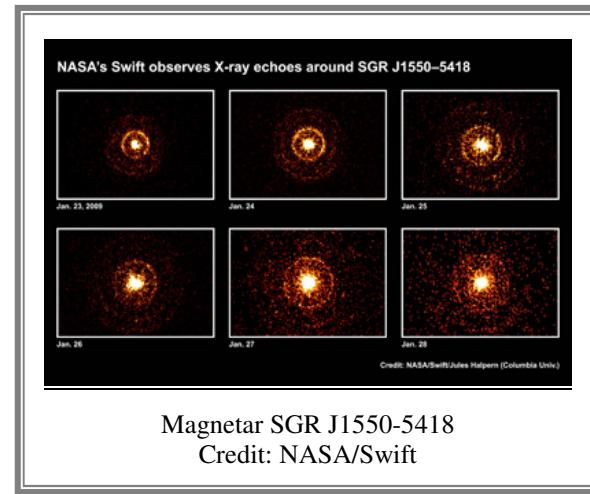
Six months later, Earth was still ringing like a bell, but if we consider this to be ‘trial by fire,’ it is ongoing! Magnetars were first discovered in 1979, when the first magnetar was caught in outburst mode and as such, was considered “an historic event”, as it allowed astronomers to unravel the mystery. This object became identified as SGR 1806-20, where the numbers “1806-20” refer to its coordinates in the sky: 18 hours, 06 minutes right ascension, -20 degrees declination. According to Dr. Robert Duncan, who shared the Bruno Rossi Prize from the American Astronomical Society (AAS) for his theoretical work on magnetars, the location of this magnetar in the sky was near the position of the Galactic Center, in the constellation Sagittarius. The Galactic Center is 25,000 light years away, but some researchers have argued that SGR 1806-20 lies well beyond that, but calculations based on radio emission from SGR 1806-20, suggests the magnetar is only about 30,000 light-years away.

It was first believed that this was a rare celestial event and even though academic studies continued, the astronomical community did not pay much attention until the Earth was seriously blasted again. In August 1998, SGR 1900+14 set a new record for the most intense flux of gamma rays ever detected for a source outside our solar system, but in many ways it was similar to a blast from SGR 1806-20, also in the same year. Then, in December 2004,

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SGR 1806-20's giant outburst was 100 times stronger than the 1998 flare, and 10,000 times brighter than anything this object had done before. In an article entitled: *Brightest Galactic Flash Ever Detected Hits Earth, February 2005*, one British scientist stated: "This is a once-in-a-lifetime event. We have observed an object only 20km across, on the other side of our galaxy, releasing more energy in a 10th of a second than the Sun emits in 100,000 years." Another Australian scientist commenting about this magnetar stated: "That it can reach out and tap us on the shoulder like this, reminds us that we really are linked to the cosmos."

Blasts are now regular and ongoing. On 21/22 January 2009, the planet was blasted by an "intense episode" from gamma-ray repeater SGR J1550-5418, which lies in the southern constellation Norma, the next constellation along to the south-east of Scorpio. At the same time, we experienced a "Super Strong" Sudden Stratospheric Warming (SSW) event where the temperature in the stratosphere rose 50 degrees centigrade over a few days and then drifted down over the next few weeks. Astonished observers were at a loss to explain what had happened as the blame could not be placed on a quiet Sun. Due to circumstantial evidence, like NASA's GOES satellite being saturated at the same time as a Magnetar blast occurred, independent researchers immediately linked the events with magnetar SGR J1550-5418, as this blast was acknowledged by the astronomical community. A Sudden Stratospheric Warming event is one of the most dramatic events that can occur in the Earth's stratosphere,



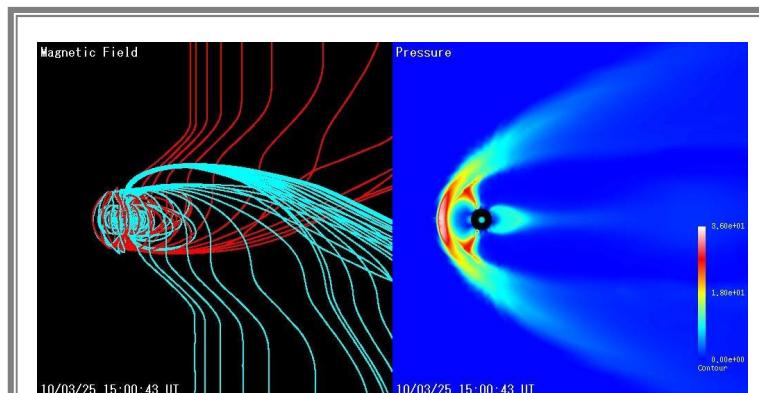
but even though there were media reports about the SSW and the impact on the weather, the connection with the Magnetar strike was not advertised and the scientific community have yet to give any details on the effect of these strikes on our solar system.

Scientists have now found 18 magnetars that are categorized into two types of high-energy sources: anomalous X-ray pulsars (AXP), and soft gamma repeaters (SGR), that are now firing on a random basis. Since the astronomical community automatically log gamma ray bursts, there does not seem to be an equivalent public system for monitoring ongoing magnetar bursts. Yet, scientists boast that they have an international sharing network that swings into action within seconds! According to the European Space Agency:

**“Observing a rare outburst is a challenge.** The time and location of the outbursts cannot be predicted, so detecting these events can be challenging. Fortunately, many high-energy satellites have been equipped with wide-field burst monitors. These monitors can view about 10% of the entire sky at one time, while the main instruments concentrate on pointed observations with a field of view of a few minutes of arc. **A burst monitor’s main task is to detect a sudden increase in the X-ray emission over a broad energy range and quickly (within several seconds) calculate its position within a few minutes of arc**, allowing the narrow-field instruments to perform more detailed observations. An international network has been established for the exchange of information about newly discovered bursts, so that all interested parties may perform valuable follow-up observations.”

However, there are independent observers that monitor NASA and NOAA’s Space Weather real-time data. There is also the excellent Japanese National Institute of Information and Communications Technology (NICT) website that provides continuous images of the Earth’s magnetosphere produced by computer simulation using real-time solar wind and interplanetary magnetic field data provided by NASA’s Advanced Composition Explorer (ACE) satellite. Movies showing the impact on Earth’s magnetosphere by magnetar blasts can be readily found and some of those hits can only be described as ‘dramatic’.

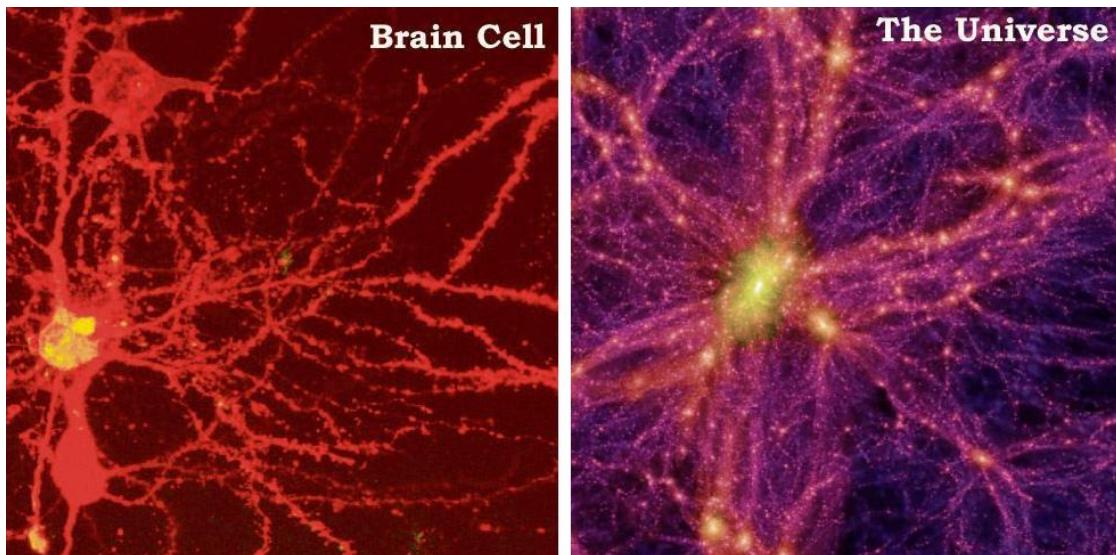
Interestingly, there was quite a unique event in July 2009 that last occurred at the peak of solar cycle 23. It must be noted, that this was about the same time that a number of UK crop circles were being interpreted as a message that there would be 5 CMEs that would arrive on the 6/7th July 2009. In fact, there were some very small CMEs around the 3rd July and no major outbursts from the Sun, but computer simulations showed that we actually lost our normal shielding for 5 days. From the 7th July, the magnetopause, the boundary between Earth and outer space went to “dangerous” levels as it



According to NOAA’s Space Weather Prediction Center, no space weather storms were expected for the 25th March 2010, but computer simulations revealed an impact on Earth’s magnetic field, creating a strong disturbance, image (left) and in the red-hot pressure variation of the Earth’s magnetosphere (right). Credit: NICT

was pushed to within geosynchronous orbit, presumably by a surge of galactic energy. [See references & notes for more detail.] Hence, we can easily see that with this type of extreme Space Weather from deep space, delivering huge volumes of energy, it is realistic to assume that our scientists simply cannot quantify all the effects, but there has to be a significant evolutionary impetus to our planet. Indeed, it's not difficult to see how an alchemist would describe this as the Earth being ‘tried by fire’. However, we could take the view that this is just getting us ready for an even more extreme events yet to come.

The scenario can be visualized as Earth and our solar system traversing through a region of space where planets undergo some kind of ‘aetheric’ cleanse and refresher, rather like a car on rollers moving through a carwash. It appears that if windows are wound down, folks inside are going to get wet and the upholstery and electronics will be destroyed, even though the exterior will still be alright. In more scientific terms, we can cite the opinion of plasma physicist and metaphysician Jay Alfred who suggests: *Are we living inside a gigantic brain?*



Mark Miller, when a doctorate student at Brandeis University, researched how particular types of neurons in the brain are connected to one another. By staining thin slices of a mouse’s brain, he could identify the connections visually. The image (left) above shows three neuron cells on the left (two red and one yellow) and their connections. This can be compared to the results generated by an international group of astrophysicists who used a computer simulation to recreate how the universe grew and evolved. The simulation image (right) is a snapshot of the present universe that features a large cluster of galaxies (bright yellow) surrounded by thousands of stars, galaxies joined by Birkeland currents in dark mode or streams of dark matter. This celestial network is known as the ‘Cosmic Web’.

If we apply the theory of The Holographic Universe, then we can think of magnetars as galactic-sized neurons and their firing is something that we only notice when we reach certain points in space-time. The question is: How does the Earth operate as a holographic frequency analyzer, decoding projections from deep space? In the brain, it is hypothesized that the senses act as lenses to decode data from another dimension and generate the mental activity that we call mind and consciousness. For many decades, neurologists have been searching for where exactly the mind is located and they have started to believe in the concept of the

“extended mind”. In January 2009, an article in New Scientist was entitled; *Where in the world is the mind*. The article stated:

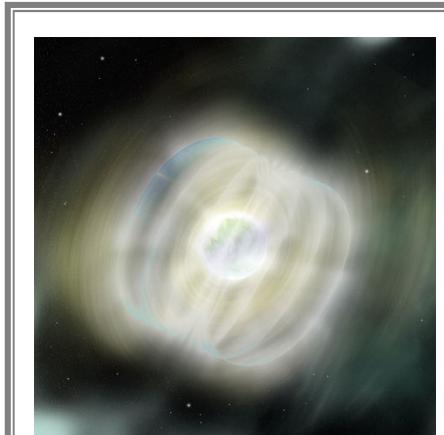
“THE mind-body problem is about where the mind is located. Is it bound by the confines of our skull or does it lurk nearby, non-physically?

The latter idea, that the mind is not literally in space but is located “near to” or even “right next to” the body - a halo-like master of ceremonies circumnavigating the head - is metaphysically weird but popular.”

With the same principle, Earth can be considered to be a focal point or a lens that decodes celestial information. In reality, dimensions represent higher energy levels, so maybe we should consider that these bursts of ultra high energy are delivering higher dimensional information. Yet, in the same manner that mind and consciousness are considered to be in the space around the brain, we have to then consider that the Earth’s ionosphere could be the location of Earth’s mind. Since, the location of the human mind has perplexed neurologists for decades, it is beyond the scope of this essay to elucidate on this comparison further, but we have to look at the scientific evidence and come to some basic conclusions. Scientists tell us that these bursts cause intense levels of ionization in Earth’s upper atmosphere. At the same time, atmospheric scientists don’t need sophisticated telescopes to peer through the cosmos to the other side of the galaxy to discover the rotation rate of these celestial megabursters, which appear to flash or flicker like lighthouse beams. Incredibly, some of these blasts are so powerful that the Earth’s ionosphere literally starts to resonate with the magnetar’s own rotation rate! The Galactic Center is 150 thousand trillion, or 150 million billion miles in the direction of the constellation Sagittarius and some of these magnetars are actually located on the other side of the galaxy, but when this fire power arrives, our ionosphere starts to resonate in harmony!

### **Magnetars – The Galactic Delivery Service**

A Magnetar is believed to be the remains of a star that has collapsed inwards under its own gravity, becoming a neutron star, when the rest of the star is blown away in a supernova explosion. Astronomers propose that this astronomical ‘corpse’ is a compact ball of neutrons, 10-20km across, but more dense than our Sun and observed with rotation periods between 5 and 12 seconds. Somehow, quakes are triggered on the surface of a magnetar, causing great volatility in the star and the magnetic field which encompasses it, often leading to extremely powerful gamma ray flare emissions. Another idea by astronomers is that Magnetars are made of “strange quark matter”. This is a hypothetical alternative state for very dense material (different from ordinary nuclear matter, as found in neutron stars), because scientists believe that these stars must be made up of something exotic, as ordinary matter is not able to endure the high magnetic stresses



An artist's rendering of a magnetar Swift J195509+261406, a type of neutron star.

Credit: NASA/Swift/Sonoma State University/A. Simonnet

exerted on the solid surface that are calculated to exist.

As Robert Duncan explains:

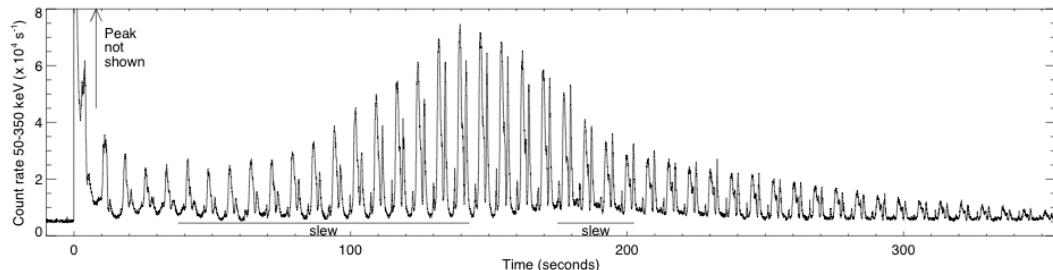
“If the star is born rotating fast enough, the combined effects of rotation and convection, which both drag field lines through the star, can build up the star’s overall magnetic field, via a complicated process known as “dynamo action.” Dynamos operate in the interior of the Earth and the Sun, giving them their magnetic fields.”

Of course, Electric Universe proponents are skeptical, Stephen Smith, on a Thunderbolts Picture of the Day feature, *Magnetic Monsters* writes:

“The oscillations in magnetars (or pulsars, in general) are caused by resonant effects in electric circuits. The sudden release of stored electrical energy in a “double layer” is responsible for the occasional outburst of gamma rays. The outburst begins with a sudden peak of energy, and then declines gradually, like a stroke of lightning.”

“It seems more likely that we are witnessing in magnetars an immense concentration of electricity being focused by some kind of “plasma gun.” As the current flows through clouds of dusty plasma it concentrates forces because of the Biot-Savart effect, drawing itself together and forming helical zones of immense compression known as “z-pinches” or “Bennett pinches.”

Plasma physicists regularly study double layers in their laboratories. These are capacitor-like structures that form wherever current flows in plasma, and they are believed to be the energetic structure that produces solar flares. When critical levels are reached, they can explode drawing energy from an entire circuit, thus the explosion can be far more energetic than expected from the energy locally present in the star. This reasoning is due to the fact that objects in space are not seen as electrically neutral and isolated. The following diagram shows the energetic signature of Magnetar SGR 1806-20 observed during an outburst, which matches the characteristic signature of electric discharge.



Light curve of the December 27<sup>th</sup> 2004 event, as recorded by the Burst Alert Telescope (BAT) on the Swift satellite. It shows how many gamma rays it counted in each sixteenth of a second during six minutes of observation. The main spike is not drawn because it was 10,000 times as bright as the tail emission, and you would need a monitor a thousand feet tall to look at it. The rise in the light curve to a peak at 140 s was caused by swift moving to observe another event shorter after the main peak, which improved the detection efficiency of the SGR. Credit: D. Palmer

Recently, astronomers may have been given some new insights into celestial mysteries and some new laws of physics to consider. In January 2008, scientist John Singleton, a Los Alamos National Laboratory Fellow and his colleague Mario Perez, a Los Alamos scientist, presented their work to the American Astronomical Society at its conference in Austin, Texas. Singleton had invented a gadget, called a polarization synchrotron, which combines radio waves and a rapidly spinning magnetic field, which forces radio waves to travel faster than the speed of light. It was reported:

"Pulsars are rapidly rotating neutron stars that emit radio waves in pulses, but what we don't know is why these pulses are so bright or why they travel such long distances," Singleton said. "What we think is these are transmitting the same way our machine does."

Apparently, Singleton wasn't sure how this invention would be received by the astronomical community, and especially the very important implications. Singleton, points out that Einstein predicted that particles and information could not travel faster than the speed of light — but phenomenon like radio waves? That's a different story! Well, this is a very good example of how plasmas and magnetic fields can generate phenomena that completely negates conventional scientific theory. Another example is the combination of plasmas and a strong magnetic field that releases more energy than the original input, which is only believed to occur in nuclear reactions.

At this time, scientists have no explanation for why pervasive magnetism exists throughout the universe and they deduce it must have arisen at the moment of the Big Bang. So, despite what we know about how magnetic fields are produced, cosmologists believe that some cosmic magnetism is intrinsic and not generated by electric currents. This leads us to the point out that in terms of popular cosmological theory, standard objects with anomalous gravity and magnetism are therefore candidates for being sources of dark matter. Scientists state that gravitational fields and magnetic fields that cannot be accounted for by matter are indirect evidence of dark invisible matter. Well, in a visible universe that is 99.999% plasma, we can only assume that dark matter is composed of dark plasma i.e. composed of sub-atomic particles at high energy and frequency that cannot be detected by our current instruments. This has to be considered alongside the fact that scientists who study plasma in the laboratory and in interplanetary space, state that there is a hierarchy of magnetic fields with an associated hierarchy of electric currents. In this regard, our own galactic center has a magnetic field strength that is about ten times stronger than the rest of the Milky Way galaxy, but since the galactic field strength is 1/50,000 the strength of Earth's magnetic field, theories that suggest that our changing orientation to the galactic magnetic field is the cause of Earth's magnetic field becoming unstable, does not seem like an adequate explanation. In comparison, our planet being blasted with Magnetars that have the magnetic field strength a trillion (10,000 million) times stronger than that of Earth is a more plausible explanation.

### **Unorthodox Beliefs & Scientific Reality**

In the book, *Reality Revealed: The Theory of Multidimensional Reality* (1978), authors Douglas Vogt and Gary Sultan outlined a thought provoking theory. It is proposed that everything in the universe is made up of information and is stored in the first dimension, a geometrical computer-like structure that represents Universal Consciousness. (As strange as

this may sound, the theory touches on truth that have been agreed on by some of the greatest mystics that have ever lived. What's more, the role of sacred geometry is strongly associated with esoteric beliefs, with examples of this knowledge in plain sight today). In this theory, magnetism exists in the 2nd dimension and acts as intermediary delivering information between the first dimension to other dimensions of existence. For those who don't like the concept of dimensions, then it's just easier to think of discreet bands of energy and the first dimension is in the highest energy state possible in the universe that only holds templates or patterns of energy. In certain spiritual traditions, this is thought of as 'mind' energy. Since magnetism is another phenomenon that orthodox science is very hazy about, in the past scientists have given a weak confession that magnetism – like light – originates in the fifth dimension, and is considered a hidden component of space-time. Quantum mechanics and other current theories cannot explain some important phenomenon of magnetism whilst others just accept that the energy source of magnetism as a complete mystery. Simply, the current speculation is that the origin of magnetism lies in the orbital and spin motions of electrons and how the electrons interact with one another. We will consider the role of electrons in more detail because Earth is being bombarded by 'exotic' high energy electrons and many of the energies that we are experiencing are believed to be associated with electrons even though scientists are again very hazy about what electrons represent. At this stage, it is proposed that Magnetars, as the most extreme magnetic objects in the universe, are providing us with higher dimensional informational codes, or patterns that are used by the Earth for processing information.

Vogt and Sultan suggest that Earth's magnetic field is caused by a dense superheated plasma core possessing a tremendous amount of potential and cite the behaviour of seismic waves from earthquakes as proof, but many others with alternative ideas for how the Earth's magnetic field is generated also propose a plasma core for other reasons. As Earth is a complex system, Earth's core is the modulation point of many different frequencies; some frequencies are the different elements that make up the elements and others that exist as clocking, synchronizing and resynchronizing frequencies and their function maybe beyond human understanding, but these frequencies control the potential at the center. The magnetic field is present without the necessity of any physical matter to be present, a belief sustained by a few scientists who think that the current theory of electromagnetism is inadequate. The role of magnetism in carrying information is one that has been identified by some eminent scientists. For example, we can cite the existence of scalar and torsion fields (that differ slightly due to the factor of angular momentum and spin). Fundamentally, these fields are purely informational fields that are embedded within the electromagnetic field, as a normally hidden component. Torsion Field Theory, first originated from physicists Albert Einstein and Elie Cartan in 1913 and thousands of research papers have been written, as the concept gathered momentum and acceptance.

*Theory states that torsion fields are some 30 orders of magnitude weaker than gravitation, and gravity is already known to be 40 orders of magnitude weaker than the electromagnetic force!*

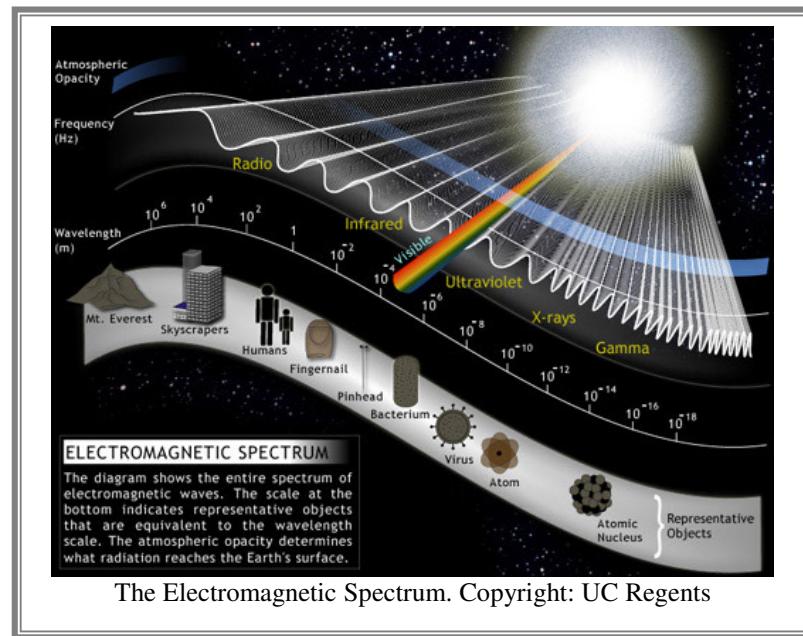
As the science has been explained elsewhere, it will not be duplicated here, accept to say that biologist Rupert Sheldrake's "Morphic Fields" is a popular theory of a scalar type field. The respected physicist Dr David Bohm, who was an associate of Einstein and author of the acclaimed book, *Wholeness and the Implicate Order* (1970), is one of the world's foremost

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theoretical physicists and has published classic works on quantum and relativity theory. This brilliant scientist questioned the very foundations of classical quantum mechanics and despite his success it has still taken decades for some of his theories to be more seriously considered. In 1952, Bohm proposed that the quantum was a really a particle and a wave, but linked to a new field that was composed of a pilot wave which guides the movement of the particle. This pilot wave held environmental information and when anything changed in the environment, information was communicated to the particle which would then change its position and momentum. The pilot wave held information rather than energy or mass as a quantum potential. These days physicists ask: Why is the pilot-wave theory ignored? This is easy to answer as it follows the pattern of the systematic refusal by the scientific establishment to understand what magnetism truly represents. Therefore, as usual, greater insights are available for those who are prepared to step away from orthodoxy.

The Universe as we know it can be described scientifically as the interaction of light, frequency, magnetism, sound and geometry. Traditionally, science has focused on three dimensions plus time and has only attempted to explain troublesome and “anomalous” phenomena to higher dimensional realities, when they cannot be explained with popular theories and our known laws of physics. Scientists realise that many theories are basically the best ideas that are on offer, but not necessarily completely right in all instances. However, due to consensus in the scientific world, certain theories are taught as fact, but in the background, many basic concepts are being re-worked over and over again, because new and better experimental observations reveal that we do not have a solid grasp of many fundamental concepts.

Electromagnetism is a major area of mystery and scientist Tom Bearden states there are at least 34 major discrepancies presently existing in conventional electromagnetic theory. Even the basic theory of the electromagnetic spectrum is suspect because we are told that as we move up the electromagnetic spectrum, a wave-particle oscillating at various frequencies from radio waves to microwaves can increase its frequency and become light (fifth or ‘higher’ dimensional) and



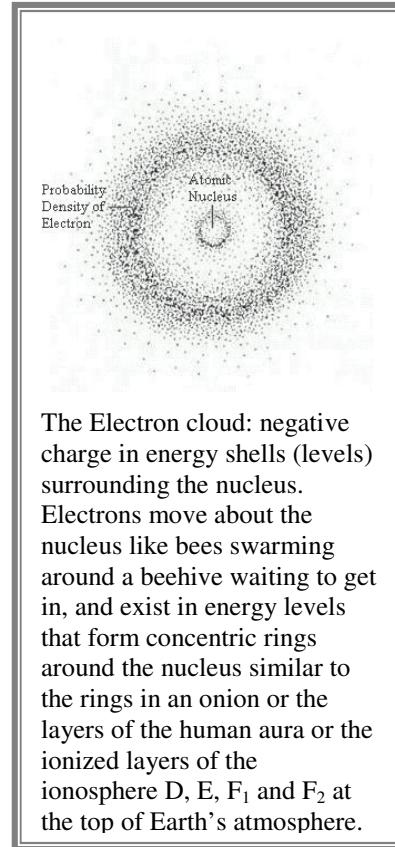
The Electromagnetic Spectrum. Copyright: UC Regents

then if it increases its frequency even more, it can then pop back into our dimension as matter that we call X-rays, gamma rays and cosmic rays. To explain this basic flaw, we have to understand why conventional science does not properly take into account how higher dimensional energies interact with our dimension. The reason for our interest is simple. When our planet is being fired on by the most extreme magnetic objects in the Universe, with a

ferocity that has served to shock astronomers, we need to understand that the universal plan is to raise the planets potential energy. In very simple metaphysical language, Magnetars are enhancing and re-programming Earth's auric fields that we call the ionosphere that surrounds our planet, layers of plasma that our scientists can't explain why they exist at all. The following is a short explanation for why this assertion must be considered as valid.

Planet Earth is being bombarded with X-rays, gamma rays and cosmic rays in a manner that scientists believe is extreme. So we have to ask: what exactly is an X-ray, a gamma ray and a cosmic ray? In conventional terms, the following is some basic information: X-rays are formed when streams of electrons strike atoms. Gamma rays are given off by decaying radioactive elements due to sub-atomic interactions. They are considered the same as X-rays, yet traditionally, were considered to have a shorter wavelength (higher frequency). These days, the distinction between X-rays and gamma rays has proven to be not so distinct, due to the overlap in wavelengths that now can be measured. Therefore, the new definition is X-rays are considered to be emitted by electrons outside the nucleus, whereas gamma rays are emitted by the nucleus, but they both behave more like a particle than a wave and are measured by detectors that measure the quality of 'photons' of light but not ordinary light. Yes, photons are debated too, and the latest opinion by physicists is that a photon is an elementary dipole magnet or a finite structure of static magnetic field. Finally, cosmic rays are thought to be highly penetrating energetic protons (however, there is new talk of iron nuclei) from deep space and from our Sun. Cosmic rays with intermediate to high velocities are not deflected by Earth's magnetic field or atmosphere and generate extensive air showers of secondary particles at ground level that can cause DNA mutations and therefore act as an evolutionary impetus.

Firstly, we can simplify matters, (excuse the pun) and state everything is composed by particles called atoms that exist in this dimension. An atom consists of a dense nucleus of positively charged protons and electrically neutral neutrons, surrounded by a large electron cloud consisting of negatively charged electrons turning around the nucleus. Experiment has proven that the 99.98% of the mass of an atom is concentrated in the nucleus only and which has only a diameter of about 1/10000 of the diameter of an atom. The huge 'void' inside of the atom is believed to be caused by a series of standing waves generated by the surrounding electrons which cause the volume and rigidity of atoms. (These standing waves can be compared to the D, E, F<sub>1</sub> and F<sub>2</sub> ionospheric layers around Earth). However, the electron is much more of a concern because its strange properties indicate that it is not really in our dimension. An electron is a 'point' particle, which means it has no size or extension in space but carries a charge and therefore electric potential. Theoretically, an electron has a mass that is approximately 1/1836 that of the proton but this is only a mathematical ratio, not a real measurable quantity. Electrons are in the quantum realm and only exists as a probability of being in a



The Electron cloud: negative charge in energy shells (levels) surrounding the nucleus. Electrons move about the nucleus like bees swarming around a beehive waiting to get in, and exist in energy levels that form concentric rings around the nucleus similar to the rings in an onion or the layers of the human aura or the ionized layers of the ionosphere D, E, F<sub>1</sub> and F<sub>2</sub> at the top of Earth's atmosphere.

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particular location in space, this really means they do not really ‘exist’ in this dimension! Interestingly, it seems that some engineers have been totally unimpressed with the conventional theory of electrons which they seem to regard as metaphysics. Here is an interesting anecdote from N. David Mermin, a professor of physics at Cornell University in Ithaca, New York. It is added as an aside, to indicate that not everybody is prepared to swallow ‘unproven’ scientific theories so easily.

“Over 25 years ago, I became interested in the physics of the newly discovered superfluid phases of helium-3. [...] So when I noticed one day that there was a seminar on Cosserat continua on the Cornell Engineering quad, I wandered over.”

“I didn’t learn anything useful about helium-3 from the engineers, but in the discussion period after the lecture, rather to my surprise, a heated debate broke out over whether a point particle could have an angular momentum—the terms of the argument were whether a particle with no internal structure at all could nevertheless spin like a top. I found this dispute remarkable for two reasons. First, because I hadn’t thought that hard-headed engineers could become so passionate about so fundamentally metaphysical an issue. And second, because the question, insofar as it had empirical content, had an elegant answer whose relevance to their argument the disputants seemed not to have noticed. So I rose to my feet and made a remark, elegantly stated in four words, that I was sure would settle the whole debate: “What about an electron?” There followed a sickening silence. It was as if someone in the crowd had shouted an obscenity. (This was the early 1970s, when somebody in any crowd was quite likely to shout an obscenity.) A senior professor of theoretical and applied mechanics rose slowly from his seat, fixed me with a baleful gaze, and delivered this crushing rejoinder: **“Have you ever seen an electron?”** His riposte elicited nods and murmurs of approval throughout the auditorium. Then they returned to their deliberations with undiminished vigor.”

“My elegant invocation of physical reality to cut through a metaphysical argument was viewed as a clumsy introduction of speculative metaphysics into a tough-mindedly practical debate about—about what? To this day, I do not know what the debate was about. So I slunk back to the physics corner of the campus, where the elegance and relevance of spinning electrons remained unchallenged.” [Bold added for emphasis]

According to the theory of Multidimensional Reality, the electron is a small domain of potential with no mass. Some of this argument is not new and we even have records of a young aspiring physicist daring to raise the issue of the true nature of the electron with Albert Einstein. The following conversation between Ernest J. Sternglass in a meeting with Einstein in 1947 is another classic.

“Now let’s talk about some interesting things,” he [Einstein] said, “really interesting things. Tell me your ideas about particle physics.”

Well, I said, “people have been trying to come to grips with this particle concept for years—”

And he said, “Yes, I know, I know. . . .”

I told him that I felt that of all the particles that had ever been discovered, only one we’ve seen so far does not disintegrate, can never be smashed up, which seems to be the ultimate smallest charge. And that’s the electron.

He said, “Yes. . . .”

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And I said, “**No one has ever seen an electron** and positron annihilating without any ashes left over. They become pure energy. They form two gamma rays, two light waves.”

And he said, “That’s certainly true.”

And I said, “It seems to me that we should look at the electron as a source of an electric field, and forget any idea that there’s a little hard core of matter inside the electron.”

And he said, “Mmmm . . . I thought about this at some time myself.”

Then I said, “Well, I believe that’s the only way we can make any progress, because there’s no point worrying about what holds the electron together at this time, if we have absolutely no way of knowing that the electron ever disintegrates. Why not assume that the total mass of the electron is simply due to the pure energy in its field?”

And he said, “Well, that’s possible. But we don’t have any solid knowledge about this. . . . I’ve thought about this.”

I reminded him of things that he had said at various times in his life about the electron. At times he had talked about it as being like a little hard ball of matter and having some charge around it, and at other times he had talked about it as being a pure field entity.

He said, “Well, you know, I made many mistakes in my life, and you’re right, you have to keep trying.” [Bold added for emphasis]

Are you getting the picture that maybe scientists really don’t truly comprehend the true nature and function of the electron? Magnetars are releasing huge volumes of energies that we interpret as radio waves, x-rays and gamma rays based on frequency, how they are detected and what type of information they are delivering, but when they hit Earth, the result is increased ionization, more sub-atomic particles or plasma. Then of course, we can scrutinize sub-atomic particles and ask: are we certain that these sub-atomic particles exist in our dimension? It is most likely that like the electron, we are really only detecting energetic signatures based on information passing in and out of our dimension. In summary, the intense “ionization” that occurs in Earth’s upper atmosphere that we call the ionosphere – but in fact is a plasma, is absorbing energy that gives it a higher potential. We also have to note the impact on Earth’s magnetosphere and the occurrence of rifts and breaches; there is even a possibility that Magnetars could be the mechanism that flips Earth’s magnetic poles, but at the moment, there does not seem to be much academic assessment of this possibility.

Before we discuss ancient knowledge that has been passed down to us that indicates that the environment of Earth was once dominated by high energy plasma, we must note that our scientists are indicating that major changes are already underway. In March 2010, NASA claimed that massive 8.8 Chilean earthquake in February moved the Earth’s axis and shortened the length of a day. In response, German astronomers strongly challenged this notion as completely wrong — actually, the term used was “ludicrous”. In an article titled, *German scientists put Earth back on track!* We learn:

“Dr. Mojib Latif from The Leibniz Institute of Marine Sciences in Kiel. He said: “The heavenly bodies around us are mainly responsible for the Earth’s tilt. The gravity of the heavy and big planets in particular determines the gradient of the Earth’s axis. “That can not be changed by an earthquake, even one as powerful as that in Chile.” Professor Kind added: “It is impossible that there could ever be such a severe earthquake which would observably move the Earth’s axis. That would only be possible through outside influences, for example a meteorite.”

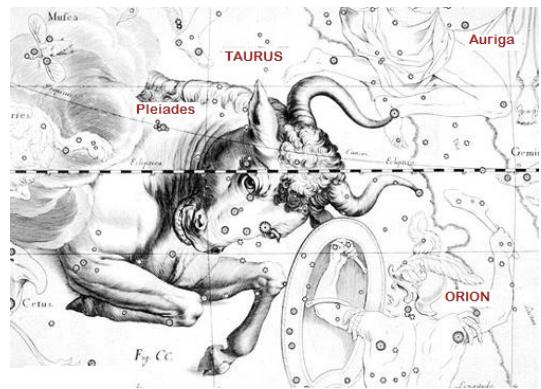
Basically, the truth is that Earth's tilt can only be changed by an external force. Even coronal mass ejections can slow the rotation of the Earth due to drag and the massive galactic blasts that we are experiencing now may also have the same impact. A few independent sources have been claiming for a few years that Earth's tilt has changed, including the Inuit Indians in Alaska, who believe there has been a significant shift. Scientists working with the Inuit, have picked up the buzz from Elders and hunters in the Pangnirtung, Iqaluit, Resolute Bay and Igloolik communities who all believe this phenomenon to be true. It was reported on the Isuma.tv website that:

“Elders across Nunavut have noticed that the sun and stars have changed their position in the sky. The sun is now rising higher and staying longer than it used to. Importantly, in the far north, you must remember that the sun goes below the horizon for a large part of the year, and therefore Inuit are very familiar with its celestial pattern. Indeed, Inuit we’re talking with are telling us stories about how in the old days, during the dark months, they would travel the land by dog team using stars as their navigational tools. So, when Inuit talk about the sun and stars, they do so with an intimate knowledge of these systems.”

**“We’ve heard that the earth has tilted in the direction of the sun.** Elders explain that this is why the sun is higher in the sky and there is increased and more direct heat entering the Arctic ecosystem. As Japiti explains, this has subsequently altered migratory routes of animals, warmed the ocean water, and thinned the ice cover.” [Bold Emphasis added]

Of course, this idea is being disputed and Inuit’s observations are being explained away as global warming in the atmosphere that has “altered the visual landscape of the Arctic, which has caused the sun, moon and stars to appear out of position in the sky. An optical tilt of the earth caused by refraction rather than a physical one!” Unfortunately, this explanation does not match satellite global temperature data, as there has been no significant warming in the last 30 years, during the period that human carbon dioxide emissions have been increasing rapidly. In summary, we can register the fact that Earth is shifting on her axis as indigenous sources claim and as NASA scientists have verified, but so far, no worldwide catastrophe.

Furthermore, the standard theory of precession states that the attraction of the Moon and Sun on the equatorial bulge of the Earth is the “nudge” that causes the precession i.e. Earth’s wobble around its axis of rotation. However, ancient sources say the true cause of precession is simply due to the motion of the solar system through space, hence changing the apparent orientation of Earth, suggesting that the Earth may be exposed to different celestial influences. According to the author Robert Cox, his research of ancient knowledge indicates that precession is controlled by energies or a ‘ray’ that comes from the center of the Universe which lies in the direction of the Pleiades. (Strangely enough, Earth passes through a concentrated flow of much heavier matter (i.e. heavier than hydrogen) of interstellar plasma each November.) This explanation is interesting because of the abundant mythology associated with The Pleiades, which are a cluster of stars located on the shoulder of the zodiacal sign of Taurus which was designed by the ancients as an angry charging bull with its horns aligned to the star beta Tauri which marks the galactic anti-center. Dr. Paul LaViolette makes the point of this same star being included as a principal star making up the constellation of Auriga, the Charioteer, which is denoted as chariot racing across the heavens. The Orion constellation is designated as warrior pointing at this raging bull with his upraised wooden club.



The constellation Taurus drawn by Johannes Hevelius in 1690 for his celestial catalogue, *Uranographia*.

After this description, LaViolette lists catastrophic events associated with the Pleiades, where there was believed to have been a great loss of life and cites such festivals as the Druids All Hallows' Eve (Halloween), All Saints' Day, The Feast of the Lamps among the Hindus and the Feast of the lanterns among the Japanese. He could have added that the Maya/Aztec called the Pleiades tzab, (the rattle of the rattlesnake), derived from the Mayan word Tzabcan, where 'can' means snake and 'tzab' means rattle. This implies that The Pleiades must have been greatly feared because the most common rattlesnake in Central America has a bite that inflicts a

72% death rate. It is also known that before the arrival of the Spaniards, throughout Mesoamerica, the 'New Fire' ceremony was observed every 52 years. Due to the world being destroyed and re-created in the past, it was imperative to provide a regular status update, and this was done when two important calendars coincided and both ended together. So in mid November, when the Pleiades are directly at the zenith at midnight, priests would observe that The Pleiades had passed the zenith and then light a fire as a signal that the world would not end for another 52 years. In India, The Pleiades are related to Agni (The Holy Fire), the divinities of fire in its benevolent form. We must conclude that the abundant symbolism that is still retained today is all relevant in retaining the memory of actual historical events, that had major consequences for mankind.

In Greek mythology, as outlined in the book *Hamlet's Mill*, Cox tells us that Earth receives universal energies from the center of the Universe and this can be most clearly seen from the northern hemisphere and that energies from the center of the Milky Way can be seen more clearly from the Southern Hemisphere. So, despite the confidence by many 2012 researchers that Earth will experience a downpour of energies from the Galactic Center, the knowledge that has been retained and embedded into mythology is that at the start of a New Golden Age, the 'universal ray' will predominate over the 'galactic ray' and the 'solar ray' (energies from the Sun) and this celestial influence will reign strong for the duration. Since, Mayan Elder Carlos Barrios has confirmed that Mayan Timekeepers are tracking a Universe-galaxy alignment, the current emphasis on Earth receiving energies from the Galactic Center is only part of a much bigger scenario, as our Galactic Center will be activated as part of universal plan. Cox believes that when enough celestial fire is absorbed by Earth – whether in one deluge or as a series of events – this high potential aetheric or subtle energy will act to partially shield the Earth from the inertial forces that connect it to the rest of the Universe. As a result, the Earth will lose some of its mass and its



Wide field image of the Pleiades star cluster (M45). Credit: NASA, ESA, and AURA/Caltech

rotational axis will start to shift and Earth will start to move into a larger orbit around the Sun and cause the moon to shift into a larger orbit around the Earth producing changes in tidal effects on Earth. Well, it is a fact that the moon is currently receding away from the Earth at about 4 centimeters per year. On some analysis, we learn that the commonly accepted tidal friction theories to explain why this is occurring are highly speculative and so there have been attempts to take into account the cosmological and pervasive “dark matter”. In the paper, *The evolution of the Earth-Moon system based on the dark matter field fluid model* (Pan 2005), by taking a non-Newtonian approach, with current Moon and Earth data, a previously unknown relationship between the Earth’s orbital rotation and recession has been found. Pan writes:

“Kagan gave a detailed review about those tidal friction models (Kagan 1997). Those models are based on many assumptions about geological (continental position and drifting) and physical conditions in the past, and many parameters (such as phase lag angle, multi-mode approximation with time dependent frequencies of the resonance modes, etc.) have to be introduced and carefully adjusted to make their predictions close to the geological evidence.”

“The important difference of this model with early models in describing the early evolution of the Earth-Moon system is that this model is based only on current data of the Moon-Earth system and there are no assumptions about the conditions of earlier Earth rotation and continental drifting. Based on this model, the Earth-Moon system has been smoothly evolving to the current position since it was established and the recessional rate of the Moon has been gradually increasing, however, this description does not take it into account that there might be special events happened in the past to cause the suddenly significant changes in the motions of the Earth and the Moon, such as strong impacts by giant asteroids and comets, etc, because those impacts are very common in the universe.”

To add to the speculative nature of why the moon is accelerating away from the Earth, we can also cite dark matter research that suggests that small clouds of dark matter pass through Earth on a regular basis. According to an article in the New Scientist *Dark matter clouds may float through Earth*, scientists are considering that there will be a small but noticeable effect.

“We estimate that lots of these small clumps can still survive in the Milky Way,” says Diemand. Perhaps a million billion of them drift around the large dark matter halo that is thought to enclose our galaxy. Such a cloud may float through Earth every 10,000 years in an encounter lasting about 50 years.

But the phantom clouds do not affect the Earth, says Diemand. **Their relatively wispy densities mean they could only nudge our planet out of its normal orbit by less than a millionth of a metre per second.”**

What can be said is that continued reports of strange tidal surges maybe indicative that we have absorbed enough celestial fire already and orbital changes have started. Since historical data is not available, we have to look at geological and fossil evidence that tells us that the recession of the Moon in the past was slower than the present rate, i.e., the recession has been accelerating with time, but there can be no assumptions of a uniform rate if we consider that Earth periodically experiences a dark matter influence. From the abstract of the paper *Gravity Control by means of Electromagnetic Field through Gas or Plasma at Ultra-Low Pressure* by Brazilian physicist Fran De Aquino, it seems that plasmas can generate gravity shielding effects. Hence we read:

**“It is shown that the gravity acceleration just above a chamber filled with gas or plasma at ultra-low pressure can be strongly reduced by applying an Extra Low-Frequency (ELF) electromagnetic field across the gas or the plasma.** This Gravitational Shielding Effect is related to recent discovery of quantum correlation between gravitational mass and inertial mass. According to the theory samples hung above the gas or the plasma should exhibit a weight decrease when the frequency of the electromagnetic field is decreased or when the intensity of the electromagnetic field is increased. This Gravitational Shielding Effect is unprecedented in the literature and can not be understood in the framework of the General Relativity.”

Obviously, there are probably many other studies that may be more relevant, but we do know for a fact that NASA’s Dynamics Explorer space probe is constantly monitoring plasma flowing in and out of the Earth’s core via the Polar Cusps. Since we also know that highly charged dense plasma is already entering our solar system and is expected to dramatically increase until 2012, it is inevitable that some of this energy will end up in Earth’s core. At the same time, we must acknowledge that we are not completely privy to how this intelligent energy maintains and influences the evolution of Earth’s magnetic field. Since, various alternative theories for the origin of Earth’s magnetic field, based on standing waves in a plasma have been proposed by various different scientists over many decades, it seems rather fitting that plasma science may hold the key to Earth mysteries that have perplexed geophysicists for many decades. However, regardless of the academic debate, changing conditions in our solar system with many unknown effects may be the real reason for the serious concerns about climate change and significant Earth changes now taking place.

Since astronomers have only recently become aware of the existence of Magnetars, we have to consider whether their existence could have been known to ancient astronomers. We know that the ancient practice was to carefully preserve cosmic events, so maybe we can rethink the meaning of some zodiacal imagery. The symbolism of the scorpion and archer that are often intertwined, are said to represent the twin guardians of Galactic Center, the constellations Sagittarius and Scorpio that are on opposite sides of Galactic Center. However, we could also see that the imagery of the scorpion-man archer and his stingers is really telling us that Earth could be stung or receive cosmic arrows from this region. As already mentioned, SGR 1806-20 lies in the constellation of Sagittarius and SGR 1900+14, is located in the constellation of Aquila about 20,000 light-years away. Both of these regions of the sky have been associated with catastrophe. Dr. LaViolette, in his book, *Earth Under Fire*, tells us that these regions of the sky were especially noted and that the Barasana Indians of South America with their Star Path Zodiac, have retained this ancient knowledge by a naming convention that highlighted obnoxious and negative regions and benign and positive ones along the center of the Milky Way. The understanding amongst the learned that has been passed down to us is that after the Conflagration there will be a Restoration, a New Heavens and a New Earth – literally Earth’s tilt will change and the dome of heaven will appear differently. Since, changes are already occurring; maybe we can hope that there is a universal plan for planet Earth that does not involve major catastrophe.



A Sketch of a scorpion-man archer (12cm tall) displayed on a twelfth-century B.C.E. Babylonian boundary stone from the reign of Nebuchadnezzar I, Assyro-Kassite Period (British Museum, London)